ADEQ Arizona Department of Environmental Quality

UST-LUST
1110 West Washington Street
Phoenix, Arizona 85007
USTCAS@azdeq.gov

ADEQ use only

DOCUMENT SUBMITTAL FORM

Do not submit reports in a three ring binder.

Person Responsible for Submitting Document – check all that apply:

☒ UST Owner ☒ UST Operator ☐ Property Owner ☐ Political Subdivision ☐ ADEQ State Lead

Company Name (same as AZ Corp. Commission filing): Circle K Stores Inc.

UST owner/operator ID No: 787 Authorized Individual: ☒ Mr. ☐ Ms. Anthony Bell

Mailing Street Address: 1100 Situs Court, Suite 100

City: Raleigh State: NC Zip Code: 27606

Daytime Telephone: 803-629-1976 Email: abell@circlek.com

Identify the Submitted Document(s) – check all that apply

Suspected release(s): ☐ 14 day report ☐ 90 day report ☐ Other (describe): _____

Confirmed release(s):

☐ 14 day report
☒ 90 day report/initial site characterization report (ISCR)
☐ Site characterization report (SCR)
☐ Periodic site status report (PSSR)
☐ Revised CAP
☐ Corrective action completion report (LUST closure request)
☐ Free product report
☒ LUST site classification form
☐ Revised SCR
☐ Corrective action plan (CAP)
☐ Tier 3 risk evaluation
☐ Informational Report with eTables
☐ Corrective action completion report (alternative groundwater LUST closure request)
☐ Other (describe): _____

UST: ☐ UST Closure Report ☐ Baseline Assessment Report ☐ Other (describe): _____

Release Information

Assigned LUST number (if not available, put the date the release was reported to ADEQ): 5953.01

Facility Information

ADEQ Facility ID: 0-0 09194 Facility Name: Circle K Store No. 2705326

Facility Street Address: 1910 North State Route 89

City: Chino Valley Zip Code: 86323 County: Yavapai

UST Owner Information (if different than Person Responsible for Submitting Document)

Company Name (same as AZ Corp. Commission filing): _____

UST owner/operator ID No: _____ Authorized Individual: ☐ Mr. ☐ Ms. _____

Mailing Street Address: _____

City: _____ State: _____ Zip Code: _____

Daytime Telephone: _____ Email: _____

UST Operator Information (if different than Person Responsible for Submitting Document)

Company Name (same as AZ Corp. Commission filing): _____

UST owner/operator ID No: _____ Authorized Individual: ☐ Mr. ☐ Ms. _____

Mailing Street Address: _____

City: _____ State: _____ Zip Code: _____

Daytime Telephone: _____ Email: _____

Property Owner Information (if different than Person Responsible for Submitting Document)

Company Name (same as AZ Corp. Commission filing): PD2, a California Limited Partnership

UST owner/operator ID No: _____ Authorized Individual: ☒ Mr. ☐ Ms. Leonard H. Lundin

Mailing Street Address: 5862 Bolsa Avenue, Suite 108

City: Huntington Beach State: CA Zip Code: 92649

Daytime Telephone: _____ Email: _____

Seal of Arizona Professional Registrant (required for submittals that include professional judgment, design, analysis, or conclusions, including original plans, drawings, maps, plats, reports, written opinions, specifications, and calculations):



ERP: 3/31/2025

Certification Statement of UST Owner, UST Operator, or Property Owner (under A.R.S. § 49-1016.C)

"I hereby certify, under penalty of law, that this submittal and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations."

Signature of Authorized Individual	Title	Date
	Remediation Project Lead	5/20/2024

Underground Storage Tank (UST) 90 Day Report

Please submit an electronic copy to USTCAS@azdeq.gov
Also, please submit a HARD COPY to

ADEQ
Attention: UST-LUST Section
1110 West Washington Street
Phoenix, AZ 85007

1) Report date: 5/17/2024 ADEQ Facility ID: 0-0 09194 LUST No. (if applicable): 5953.01

2) Type of report

☒ Confirmed release **(You must also complete Attachment B)** *pursuant to A.A.C. R18-12-261(D)*

3) Nature of confirmed release. Provide details about how the suspected or confirmed release was discovered, the source(s), and the cause(s). Add additional space as needed.

The confirmed release was due to a failed fitting on the turbine pump head for the regular unleaded gasoline UST (southern-most tank; Tank #1). On January 3rd, 2024, Circle K dispatched a third-party maintenance vendor to investigate the Tank #1 turbine sump, as identified by a ATG sump alarm. During the investigation of the sump, the third-party vendor observed fuel spraying out of the turbine pump head while pumping was active. Circle K mobilized a third-party repair contractor the same day to investigate and repair the turbine pump, the repair to the sump head was completed. Gasoline was observed in the bottom of the turbine sump during the investigation. Circle K hired ENCORE Consulting, LLC (ENCORE) to report the suspected release. ENCORE reported the suspected release to ADEQ the following day, on January 4th, 2024.

Between January 3rd (date of repair) and February 15, 2024, ENCORE prepared and submitted the 14-Day Suspected Release Report to ADEQ, on behalf of Circle K, and was preparing to drill an investigative boring in the vicinity of the sump. During this time, Circle K was gathering information regarding fuel inventory discrepancies and began a full analysis of inventory issues, including review of CSLD data. Review of CSLD data did not reveal any inventory loss from the USTs and indicated passing results. Circle K continued to internally evaluate conflicting information on fuel inventory records, deliveries and throughput, and gained understanding through this analysis. Further review of inventory data from December 15, 2023 through January 3, 2024 (repair date) indicated the inventory loss occurred over an approximate 18-day period between those two dates. As a result, Circle K notified ADEQ on February 15 that there was likely a substantial inventory loss. A Site Check, including the drilling and sampling of soil borings, was conducted on February 16 to investigate subsurface soil in the immediate vicinity of the UST system. Soil analytical results indicated volatile organic compounds detected at concentrations exceeding the ADEQ Release Confirmation Levels. The confirmed release was reported to the ADEQ on February 21, 2024. ADEQ subsequently issued LUST 5953.01 to the release.

List all sources and causes related to the suspected or confirmed release[1].

a) Source: Submersible Turbine Pump Cause: P/M - Broken component

i) Source details (if known, otherwise write "unknown")
Identify manufacturer: unknown model: unknown Date installed: unknown

b) Source: Cause:

i) Source details (if known, otherwise write "unknown")
Identify manufacturer: _____ model: _____ Date installed: _____

c) Source: Cause:

i) Source details (if known, otherwise write "unknown")
Identify manufacturer: _____ model: _____ Date installed: _____

d) Source: Cause:

i) Source details (if known, otherwise write "unknown")
Identify manufacturer: _____ model: _____ Date installed: _____

e) Source: Cause:

i) Source details (if known, otherwise write "unknown")
Identify manufacturer: _____ model: _____ Date installed: _____

f) Media Impacted (check all that apply):

☒ Soil ☐ Groundwater ☒ Vapor ☐ Surface water ☐ Not applicable

4) Regulated substance suspected or confirmed to be released (check all that apply)

☒ Unleaded gasoline
☐ Premium unleaded gasoline
☐ Diesel
☐ Used oil
☐ Jet fuel (specify:_____)
☐ Other (specify:_____)
☐ Mid-grade unleaded gasoline
☐ Ethanol flex fuel (E_____)
☐ Biodiesel (B_____)
☐ New oil
☐ Aviation fuel
☐ Unknown

5) Have the results of any tightness tests conducted related to the release been previously submitted?

☐ Yes (Date submitted: _____)
☒ No (Attach a copy of the results)
☐ Not applicable (Tightness tests were not performed in relation to the confirmed release)

[1]*Please identify the source component that is the root cause of the release. For example, if the release was initially discovered due to a failed ATG result and after further investigation the result was due to a faulty ATG probe, the source should be noted as the ATG probe, not the failed ATG result.*

Please identify the root cause for why the source component malfunctioned. For example, if the ATG probe stopped working because the floats became corroded and could not work properly, the cause should be noted as "corrosion".

Attachment A
Confirmed Release Information

1) General information

a) Number of estimated gallons of fuel released[2]: ☐1-500 ☐501-1,000 ☐1,001-5,000 ☐5,001-10,000 ☒If >10,000 provide estimate: 86,000

For assistance in calculating a numerical estimate, UST inventory records may help or you can refer to the *Early Cleanup Technology Deployment Guidance*, which is available on our website at: http://static.azdeq.gov/ust/lust_early_cleanup_tech.pdf)

b) Date UST owner/operator was notified of the release: 2/21/2024

c) Date of release (if known, otherwise write "unknown"): December 15, 2023

d) Elapsed time over which the release occurred (if known, otherwise write "unknown"): 12/15/23-1/3/24

2) The initial response, abatement, and corrective actions taken to date (check all that apply)

☐ Emptied fuel from UST(s)
☒ Repaired leaking component(s)[3]
☐ Replaced leaking component(s)[3]
☒ Initiated early cleanup[4]
☒ Conducted initial site characterization
☐ Investigated for presence of and initiated removal of free product

3) Provide additional details about your initial response, abatement, and corrective actions taken to date. Please add additional space as needed.

February 16, 2024:
A Site Check was conducted on February 16, 2024 with the drilling of two soil borings, SB-1 and SB-2, in the vicinity of the suspected release (Tank #1 submersible turbine pump) using a hollow-stem auger rig. Soil boring SB-1 was drilled two feet south of the UST basin in line with the turbine lid of the south UST (Tank #1) and SB-2 was drilled on the north edge of the UST basin (Figure 2). Soil samples were collected at five-foot intervals beginning at five feet below ground surface (bgs). SB-1 was drilled to a depth of 50 feet bgs and SB-2 was drilled to 30 feet bgs. Soil samples were analyzed for VOCs and PAHs in accordance with EPA Methods 8260B and 8270C SIM, respectively. Laboratory analytical results indicated VOCs exceeded the ADEQ rSRLs between 15 and 50 feet in SB-1 and 10 and 20 feet in SB-2. Naphthalene was reported above the rSRL in SB-2 at 25 feet bgs. All other PAH analytes were reported below the laboratory MDL and/or rSRL for samples collected from SB-1 and SB-2. Based on VOC concentrations, the ADEQ issued LUST No. 5953.01 on February 21, 2024.

February 19 & 20, 2024:
A comprehensive soil vapor survey was conducted on February 19 and 20, 2024 to evaluate the site for indoor-air inhalation risk. A total of 19 temporary vapor points were installed and sampled around the store building and at the northeast edge of the property (Figure 3). Soil vapor survey data are tabulated in the ADEQ eTables and copies of the laboratory analytical reports are included in Attachment B. In addition, air monitoring was conducted utilizing a PID and LEL meter to monitor accessible utility vaults around the site and the interior of the store building. Readings were recorded twice daily, morning and afternoon.

(See continuation on attached pages)

[2]*The estimate provided on this form may change over time as the conceptual site model is updated.*

[3]*If any UST components have been repaired or replaced, attach the repair/replacement documentation if not previously sent in accordance with A.A.C. R18-12-234(C).*

[4]*Initiating early cleanup as soon as possible may help to prevent the spread of contamination and decrease the time and costs required to complete cleanup activities and expedite closure. Please refer to the Early Cleanup Technology Deployment Guidance for more information. Before cleanup begins, please submit a UST Cleanup Notice Form. Both documents are available on our website at http://www.azdeq.gov/.*

4) Site-specific geology. Add additional rows as needed.

Depth range in feet (example: 0 – 15)	Lithology type (example: silty sand)
0-15	Silty Clay
15-45	Clayey Silt
45-70	Silty Clay
70-96	Clayey Silt
96-108	Silty Sand
108-138	Silty Clay
138-150	Clayey Silt with Sand
150-200	Clay (higher plasticity)
200-208	Clay with Silt to Silty Clay
208-220	Silty Sand to Sandy Silt

The above information is ☐ estimated ☒ known

Depth to bedrock in feet: ~400 ☒ estimated ☐ known

Source of above information: Arizona Geologic Survey, DGM 52

Date of above information: April 2007

5) Site-specific hydrology

Depth to groundwater in feet: 162.5 (perched); 198 (regional) -see text- ☐ estimated ☒ known

Groundwater flow direction (example: N, SSW): WNW (regional) ☐ estimated ☒ known

Groundwater quality: ☐ potable ☒ naturally non-potable ☐ artificially non-potable

Source of above information: ENCORE

Date of above information: 5/1/24

6) Receptors (other than wells) within a quarter mile of the facility. Add additional rows as needed.

Distance from facility (feet)	Direction from facility (example: S, NW)	Receptor Name	Receptor Type (example: school, residential)
844-1040	W	Multi-Family Homes	Residential
356	NE	Chino Valley Community Church	Church
603-1783	E	Single Family Homes	Residential
1002	SW	Church of Jesus Christ of LDS	Church
1162	NW	Single Family Homes	Residential

7) Current occupancy and use of the facility

Active gas station and convenience store

8) Current occupancy and use of the properties immediately adjacent to the facility. Add additional rows as needed.

Direction from facility (example: S, NW)	Adjacent Property Name	Adjacent Property Use
N	Chino Valley Pharmacy	Commercial
E	U.S. Highway 89	ADOT Right of Way
S	Chase Bank	Commercial
W	M&M Eye Institute	Commercial

9) ☒ Attach laboratory analytical results of the samples analyzed and received as of the date of the report

10) ☒ Attach a site plan with an established scale and North arrow that must include the locations of:

a) The facility property boundaries
b) The release location(s)
c) The sample location(s)
d) Identified receptors
e) Known sewer and utility lines, basements, and other artificial subsurface structures on and immediately adjacent to the facility

11) ☒ Attach a map that identifies all well locations within a quarter mile of the facility.

12) ☒ Attach a table that includes the location, use, and identification number of all registered ADWR wells on and within a quarter mile of the facility.

13) ☒ Complete the attached LUST site classification form.

14) Was free product discovered?

a) ☐ Yes (Complete and submit the *Free Product Report* located at http://azdeq.gov/forms?title=UST)
b) ☒ No

15) ☒ An electronic copy of this report has been submitted to USTCAS@azdeq.gov.

Testing and Inspection Certificate

Tanknology Inc.
11000 North MoPac Expressway, Suite 500, Austin, TX 78759
800-800-4633 www.tanknology.com

Test Date	5/8/2024	Tanknology WO#	SC1-3473179
Test Purpose	REQUEST	Customer PO#	

Customer
CIRCLE K STORES, INC.
P.O. BOX 52085
PHOENIX, AZ 85072

Attn: Environmental Specialist
(602) 728-4628

Location
CIRCLE K #2705326, CO. 122
1910 N. HWY 89
CHINO VALLEY, AZ 86323

Attn: MANAGER
(928) 6369827

Test / Inspection Description	Item Tested	Date Tested	Result
Precision Tank Tightness	Tank T1:UNLEADED UNLEADED	5/8/2024	Pass
Precision Tank Tightness	Tank T2:UNLEADED CENTER UNLEADED	5/8/2024	Pass
Precision Tank Tightness	Tank T3:PREMIUM PREMIUM	5/8/2024	Pass

Tanknology Representative: Jeffery Johnson
Telephone: ()

Technician: Randy M Jaquez, Sr
Technician Certification: (See forms)

Tanknology

VacuTect
Tank Tightness Test

Work Order: 3473179 Date: 5/8/2024

Site Name/ID: CIRCLE K #2705326, CO. 122 2705326

Address: 1910 N. HWY 89

City: CHINO VALLEY State: AZ Zip: 86323

Tank Information	T1:UNLEADED	T2:UNLEADED CENTER	T3:PREMIUM			
Customer Tank ID	T1:UNLEADED	T2:UNLEADED CENTER	T3:PREMIUM			
Regulatory Tank ID	T1:UNLEADED	T2:UNLEADED CENTER	T3:PREMIUM			
Product Category	Gasoline - Regular	Gasoline - Regular	Gasoline - Premium			
Product Name	UNLEADED	UNLEADED	PREMIUM			
Gallons Capacity	11840	11830	12002			
Tank Type	Fiberglass	Fiberglass	Fiberglass			
Tank Walls	Singlewall	Singlewall	Singlewall			
Compartmentalized	No	No	No			
Siphon Tank	No	No	No			
Vents included with test	not tested	not tested	not tested			
Test Start Time	14:50:00	13:02:00	11:08:00			
Test End Time	16:08:00	14:23:00	12:26:00			
Water ingress (Y/N)	No	No	No			
Bubble ingress (Y/N)	No	No	No			
Ullage ingress (Y/N)	No	No	No			
Test Result (P/F/I)	**Pass**	**Pass**	**Pass**			

☑ Yes - Test was performed per 3rd party certifications as specified in 40 CFR parts 280 and 281. ☐ No - diagnostic only

Technician Comments :

Technician Name Randy M Jaquez, Sr Certification # T0011 exp: 4/22/2025

Technician Signature Randy M. Jaquez

Environmental Compliance for Petroleum Systems

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Site Diagram

(This site diagram is for reference only and is not drawn to scale)

Work Order:	3473179		
Site ID / Name:	2705326 / CIRCLE K #2705326, CO. 122		
Address:	1910 N. HWY 89		
City:	CHINO VALLEY	State: AZ	Zip: 86323

W.O.# SC1-3473179

Tanknology Inc.
11000 N. MoPac Expressway, Suite 500 Austin, TX 78759 (800) 964-0010

JOB CLEARANCE FORM & SITE SAFETY CHECKLIST – OVF

Policy 100-29-A
Rev: H
Revised: 6/25/2022

Site Name/#: (K) 2705326	Street Address: 1910 N. Hwy 89 Chino Valley AZ 86323	W.O. # 3473179
Arrival Time: 0930	Departure Time: 1700	Travel Time: 2.5 hrs
Others on site: B+B Excavating	Date 05-08-24	

Scope of Work and Tasks Performed (JSA's must be available for all tasks):
Test All Tanks

Repairs to Equipment or Parts Provided:
All Pass

Follow-up actions required; equipment isolated; comments:

PPE - PERSONAL PROTECTIVE EQUIPMENT REQUIRED (Check ✓ items used or mark ~ if not applicable)

☑ Safety Vest/Shirt (all jobs)	☑ Gloves (all jobs)	☐ Splash Goggles (if needed)	☐ Hearing Protection (if needed)
☑ Safety Toe Boots (all jobs)	☑ Safety Glasses (all jobs)	☐ Hard Hat (if needed)	☐ Other _____

✓ PRE-TEST PROCEDURES (Check ✓ each item completed or mark ~ if not applicable)

1. ☑ Discuss safety procedures with site personnel. Nearest hospital: _____
2. ☑ Get ATG printout & check fuel/water levels. Prior to fuel delivery the system must be placed back into working order.
3. ☑ Barricade work area (cones, flags, bars/tape) and place Fire Extinguishers & "No Smoking" Signs at perimeter.
4. ☑ Confined Space Entry – If required complete separate CSE Checklist. If NO CSE check the following reason:
   ☐ No CS's ☐ CS's not opened ☐ No entry only visual ☑ No entry - used tools ☐ Work from prone position w/o risk of falling in
5. ☑ Implement Lockout/Tagout per API 1646 (when accessing product piping during tasks)
   - ☑ Secure nozzles with "Out of Service" bags and nylon ties.
   - ☑ Close ball valves or check valves on product piping.
   - ☑ All applicable equipment disabled during test(s).
   - ☑ Secure the circuit breaker(s) with lockout devices and tags.
   - ☐ Disconnect electrical "bayonet" connector from the STP(s).
   - ☑ Verify LOTO is complete by trying to operate pumps.

SIGN IN	Lead Technician Name	Lead Technician Signature
General Safety Checks:	Randy Jaquez	
All site personnel have been informed. N/A	Site Representative Name	Site Representative Signature
Is a fuel delivery due today? _____	Eric Quiroz	
LOTO procedures have been discussed.		
Work areas barricaded to protect workers, staff & public.		

✓ POST-TEST PROCEDURES (Check ✓ each item completed or mark ~ if not applicable)

1. ☑ Remove all "Lockout/Tagout" devices and nozzle bags/ties.
2. ☐ Run all pumps and verify there are no leaks:
   - ☑ Impact Valve Test Ports under dispensers
   - ☐ Leak Detector & Vent Tubes
   - ☐ STP Functional Elements & Relief Screws
3. ☑ Get ATG printout. Confirm water levels same as start or explain difference: _____
4. ☑ Check following components operational:
   - ☑ ATG probes, sensors, & caps
   - ☑ Ball floats, dry breaks & caps
   - ☑ Containment sumps are dry
   - ☑ Manhole covers and sump lids
   - ☑ Spill containers & drain valves
   - ☑ Drop tubes, flapper valves, fill adapters & caps
   - ☑ Shear valves are open
   - ☑ Dispensers & POS operational
   - ☑ Dispenser panels are replaced
   - ☑ Vents & Extractors (not capped, plugged or isolated)
   - ☐ Cathodic protection operational
   - ☐ Siphon lines and manifold valves open
5. ☑ Remove barricades.

SIGN OUT & Operator Verification of Work (OVF)	Lead Technician Name	Lead Technician Signature
General Safety Checks:	Randy Jaquez	
Work area has been left clean & safe.	Site Representative Name	Site Representative Signature
Site staff aware of work status including any remaining isolation.	Eric Quiroz	
Changes to equipment are documented and communicated.		
All incidents, near incidents, and unsafe situations reported.		

Site Representative Comments:

COMPANY CONFIDENTIAL

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Ovf

LEAKING UNDERGROUND STORAGE TANK (LUST)
LUST SITE CLASSIFICATION FORM
ARIZONA ADMINISTRATIVE CODE (A.A.C.) R18-12-261.01

Date of preparation: 05/20/2024 **UST Facility ID:** 0-0 09194 **LUST Number(s):** 5953.01

Based on the answers in this form, the Leaking UST Site Classification selected is: 3

LUST Site Information

Status of corrective action activities as of submittal date [select all that apply]:
☑ Initial Response ☑ Initial Abatement ☑ Site Characterization ☐ Remediation (O&M) ☐ Requesting Closure

Regulated substance(s) released [select all that apply]:
☑ Unleaded Gasoline ☐ Mid-Grade Unleaded Fuel ☐ Premium Unleaded Gasoline ☐ Leaded Gasoline
☐ Diesel ☐ Used Oil/Waste Oil ☐ New Oil ☐ Aviation Gasoline
☐ Jet Fuel ☐ Hydraulic Fluid/Oil ☐ Automatic Transmission Fluid ☐ Hazardous Substance
☐ Kerosene ☐ Antifreeze/ Ethylene Glycol ☐ Other _____

Estimated volume (in gallons) released: ○ 1 - 500 ○ 501 - 1,000 ○ 1,001 - 5,000 ○ 5,001 - 10,000
◉ >10,000, provide: 86,000

Source(s) of release(s) [select all that apply]: ☐ Tank ☐ Piping ☐ Dispenser Area ☑ Submersible Turbine Pump Area
☐ Delivery Problem ☐ Other _____ ☐ Unknown

Cause(s) of release(s) [select all that apply]: ☐ Spill ☐ Overfill ☐ Physical/Mechanical Damage ☐ Corrosion
☐ Installation Problem ☑ Other equipment malfunction ☐ Unknown

Factors Considered in Determining the LUST Site Classification

Answer the following based on the most recent available data:

Media Impacted	Is Contamination…			Date of Most Recent Analytical Data
	Extent Defined?	On-Site?	Off-Site?	
Soil	○ Yes ◉ No	◉ Yes ○ No	◉ Yes ○ No	04/18/2024
Groundwater	○ Yes ○ No	○ Yes ○ No	○ Yes ○ No	05/02/2024
Surface Water	○ Yes ○ No	○ Yes ○ No	○ Yes ○ No	

Is free product extent defined? ○ Yes ○ No ◉ N/A **Is free product extent limited to on-site?** ○ Yes ○ No ○ N/A

Note: A free product report must be submitted within 45 calendar days of free product discovery in accordance with A.A.C. R18-12-261.02

Review each of the classification factors below and identify if the factor is present at the site:

Note: "Receptor" means persons, enclosed structures, subsurface utilities, waters of the state, or water supply wells and wellhead protection areas (A.A.C. R18-12-101).

Classification 1: Immediate threat to human health, safety, or sensitive environmental receptors	Present?*
Explosive levels or concentrations of vapors emanating from free product that could cause acute health effects are present in or under a building or subsurface utility system.	No
An active potable private well or water system supply well, public water supply line, or public surface water intake is impacted or is anticipated to be impacted within 3 months.	No
A surface water body, sensitive habitat, or sensitive resource (sport fish, economically important species, threatened and endangered species, and so forth) is impacted.	No

Classification 2: Short-term (0 to 2 years) threat to human health, safety, or sensitive environmental receptors	Present?
Exposed/uncovered soils with shallow contamination (0 - 2 ft BGS) located within 500 ft of dwellings, parks, playgrounds, day-care centers, schools, or similar use facilities.	No

**Select "Insufficient Data" if there is insufficient data available to evaluate the scenario.*

A non-potable private well or water system supply well is impacted or is anticipated to be impacted within 2 years.	No
Groundwater is impacted, and a potable private well or water system supply well producing from the impacted aquifer is located within two-years projected groundwater travel distance down gradient of the known extent of COCs exceeding respective Tier 1 standard.	No
Groundwater is impacted, and a potable private well or water system supply well producing from a different aquifer is located within the known extent of chemicals of concern.	No
Impacted groundwater within 500 ft of a discharge point to a sensitive habitat or protected surface water body with designated uses of drinking water source or partial/full body contact.	No

Classification 3: Long-term (>2 years) threat to human health, safety, or sensitive environmental receptors	**Present?**
Soils are impacted with CoC concentrations exceeding leachability concentrations (minimum GPL or site-specific GPL) and an existing potable private well or water system supply well screened within the threatened aquifer is present within 1,500 lateral ft of the impacted soil area.	Yes
Groundwater is impacted, and potable private wells or water system supply wells producing from the impacted aquifer are located greater than two-years projected groundwater travel distance down gradient of the known extent of COCs exceeding respective Tier 1 standard.	No
Groundwater is impacted, and non-potable private wells or water system supply wells producing from the impacted aquifer are located greater than two-years projected groundwater travel distance down gradient of the known extent of COCs exceeding respective Tier 1 standard.	No
Groundwater is impacted, and non-potable private wells or water system supply wells producing from a different aquifer are located within the known extent of chemicals of concern.	No
Impacted groundwater within 1,500 ft of a discharge point to a sensitive habitat or protected surface water body with designated uses of drinking water source or partial/full body contact.	No
Exposed/uncovered soils with shallow contamination (0 - 2 ft BGS) located more than 500 ft from dwellings, parks, playgrounds, day-care centers, schools, or similar use facilities.	No

Classification 4: No demonstrable long-term threat to human health or safety or sensitive environmental receptors or information indicates the site cannot be otherwise classified.	**Present?**
Soils are impacted with CoC concentrations that do not exceed leachability concentrations (minimum GPL or site-specific GPL)	No
Soils are impacted with CoC concentrations exceeding leachability concentrations (minimum GPL or site-specific GPL) but there are no existing potable private wells or water system supply wells screened within the threatened aquifer is present within 1,500 lateral ft of the impacted soil area.	No
Groundwater is impacted, and non-potable private wells or water system wells are located down gradient outside the known extent of COCs exceeding respective Tier 1 standard, and they produce from a non-impacted zone.	No
Site information does not indicate any of the above factors (Classifications 1 through 4) are present.	No

Based on the Classification 1 – 4 factors identified as present (marked "Yes") above, complete the table below (attach additional information if more space is needed):

Receptor name	**Receptor type (subsurface utilities, potable well, schools, etc.)**	**Distance to receptor (ft)**	**Estimated time until impact (years)***
Multi-family homes	Residential	844	
Chino Valley Community Church	Residential	356	
Single-family homes	Residential	1,162	

**Complete this column if the receptor may be impacted by groundwater contaminants*

Based on the answers in this section, the Leaking UST Site Classification selected is: 3

Note: Classification selection is based on the lowest classification number with a factor present (marked "Yes").

ATTACHMENT A

If the LUST Site Classification Form was submitted as a stand-alone document, attach all of the following information or identify the documents that include all of the information below:

- Site map with sample and release locations
- Table of sample analytical results data
- Copy of sample analytical laboratory reports

90-Day Confirmed Release Report (Continued)
Circle K Store #2705326
1910 N. State Route 89
Chino Valley, AZ 86323
ADEQ LUST 5953.01 / Facility ID 0-009194

Prior to conducting drilling and soil sampling, the Chino Valley geology and hydrogeology was studied using published sources from the United States Geological Survey, Arizona Department of Water Resources and Arizona Department of Environmental Quality. All sources indicated the potential for perched aquifer conditions and a confining clay horizon in subsurface soil extending to an estimated 200 feet bgs, throughout the majority of the Little Chino Valley subbasin. Based on more recent data from ADEQ and ADWR, the regional aquifer was noted at a depth of approximately 200 feet bgs or greater. Based on field observations, subsurface soil classification associated with boring SB-4, indicated lithology transitioned from varying horizons of sandy silt and low-plasticity silty clay to clay (with sand) exhibiting high plasticity at approximately 150 feet bgs. This transition noted at 150 feet bgs was consistent with published research and was estimated to be the top of the confining layer described in the above-referenced sources.

February 20-27, 2024:

The release investigation continued on February 20, 2024. Soil boring SB-1 was extended to 85 feet bgs to vertically delineate the release. Soil samples were collected at five-foot intervals between 55 and 85 feet bgs. Soil borings SB-3 and SB-4 were also drilled and sampled along the northern and southern edge of the Project Site to evaluate the lateral migration of contamination in subsurface soil (Figure 2). Soil boring SB-3 was drilled to approximately 75 feet bgs and SB-4 was drilled approximately to 170 feet bgs on this mobilization. Soil samples were collected at five-foot intervals beginning at five feet bgs and were analyzed for VOCs in accordance with EPA Method 8260B. Select samples from SB-4 were analyzed for PAHs in accordance with EPA Methods 8270C SIM. Due to PAHs reported below the ADEQ rSRLs in previous samples collected from SB-1 between 5 and 50 feet bgs, PAHs were not analyzed in soil samples collected from SB-1 between 55 and 85 feet bgs or from samples collected from SB-3. Analytical results indicated VOCs reported above the ADEQ rSRLs and minimum default GPL for benzene between 55 and 85 feet bgs in SB-1. VOCs were reported at concentrations exceeding the ADEQ rSRLs in SB-3 at 65 and 70 feet bgs. All other samples were reported below laboratory MDLs and/or rSRLs. VOC and PAH concentrations were reported below laboratory MDLs and / or rSRLs in all soil samples collected from SB-4. Laboratory analytical results are included in the eTables and copies of laboratory reports are included in Attachment B. Soil boring logs are pending and will be included in Attachment C.

Saturated soil was observed in soil boring SB-4 at approximately 170 feet bgs during drilling and sample collection. After allowing the borehole to rest for a short period of time, depth to groundwater was later measured in boring SB-4 at approximately 162 feet bgs. Based on field observations and PID readings for samples collected from SB-4, there were no indications of soil contamination from the UST release. As a result, SB-4 was extended to 175 feet bgs and groundwater monitor well MW-1 was installed. Well construction diagrams are included in Attachment C. Groundwater recharge into MW-1 during well installation, well development, and later, well sampling is very slow. MW-1 was purged dry during the initial groundwater sampling event later conducted on May 8, 2024, and took greater than 12 hours to fully recharge. As a

result, groundwater observed in MW-1 is likely associated with a perched aquifer at the upper horizon of the confining clay layer. Please note, drilling of SB-4 did not extend through the confining layer.

February 29 – March 1, 2024:

Between February 29 and March 1, 2024, drilling continued at source area boring SB-1, advancing to a total depth of 150 feet bgs. Soil samples were collected at five-foot intervals between 90 and 150 feet bgs. Soil samples were analyzed for VOCs in accordance with EPA Method 8260B. Analytical results reported VOC concentrations exceeding the ADEQ rSRLs between 90 and 150 feet bgs. Saturated soil was observed at approximately 150 feet bgs in SB-1 during soil sample collection. The boring was secured at 150 feet bgs over the weekend. Upon return three days later, groundwater was measured at 143.4 feet bgs in SB-1 using a decontaminated interface probe and was verified by collecting a bailer sample for observation. Please note, LNAPL was not detected in SB-1 based on the interface probe reading and visual examination of the bailer sample. Laboratory analytical results are included in the eTables and copies of laboratory reports are included in Attachment B.

As a result of measuring groundwater at approximately 143.4 feet bgs in MW-1, a dual-nested remedial well and groundwater monitor well (VE-1 and MW-2) was installed and screened in separate intervals to address COCs in the vadose zone and perched groundwater horizon (Attachment C). Upon completion of MW-2, groundwater was not observed in MW-2 and has not been observed since the initial observation following drilling activities, as of the date of this report. It is likely the saturated conditions observed during drilling were due to an isolated perched aquifer at the top of the confining layer. The displacement of the water due to well installation combined with the termination of boring SB-1/MW-2 at 150 feet bgs likely did not allow for sufficient screening into the perched horizon to allow subsequent recovery of the perched water into the well. SB-1 was terminated at 150 feet bgs in the source area to avoid puncturing the clay horizon and to limit the advancement of the boring into the confining clay layer to prevent the creation of a vertical conduit that could allow for further contaminant migration.

March 4-8, 2024:

Due to VOC concentrations exceeding the ADEQ default groundwater protection levels in vadose soils along the northern edge of the Project Site (SB-3), and concern about advancing soil borings into and/or through the confining clay layer in the release source area, investigation of groundwater was continued off-site using the hollow-stem auger drill rig. Soil boring SB-5 was drilled between March 4 and 5, 2024 and was located approximately 240 feet northwest of the release area in the strip mall parking lot across Palomino Road (Figure 2). SB-5 was drilled to approximately 175 feet bgs with soil samples collected at approximate five-foot intervals beginning at five feet bgs. After allowing SB-5 to sit at 175 feet bgs overnight, groundwater was still not observed in SB-5. As a result, SB-5 was abandoned in accordance with ADWR requirements and served as a potential lateral soil delineation boring at this point in the investigation.

On March 8, 2024, soil boring SB-6 was drilled at the western edge of the UST basin in the release source area to allow for installation of additional soil vapor extraction wells (Figure 2). Soil samples were collected from SB-6 at five-foot intervals beginning at five feet bgs to terminal depth at 60 feet bgs and were analyzed for VOCs in accordance with EPA Method 8260B.

Analytical results indicated the presence of VOCs, including benzene, exceeding the ADEQ rSRL and GPls between 20 and 60 feet bgs. Soil analytical results are tabulated in the ADEQ eTables. Copies of laboratory analytical reports are included in Attachment B and soil boring logs are included in Attachment C. A dual-nested vapor extraction well, VE-2 (A/B), was installed at separate depths to address COCs that could be present in the UST basin, and in the vadose soils beneath the UST basin between approximately 20 and 60 feet bgs. Well screen intervals are indicated in the well construction diagram in the attached well construction diagram included in Attachment C and cross-sections in Figure 4 and 5.

March 12-19, 2024:

Between March 12 and 19, 2024, two hollow-stem auger rigs were utilized to continue the advancement of soil borings SB-3 and to drill soil boring SB-8. Soil boring SB-3 was continued from the previously drilled depth of 75 feet bgs and was further advanced to 155 feet bgs. Boring SB-8 was located approximately in the vacant dirt lot approximately 120 feet west of the tank pit (Figure 2) and drilled to a total depth of 160 feet bgs where auger refusal was encountered. Soil samples were collected at five-foot intervals from 80 to 155 feet bgs in SB-3 and from five feet bgs to 160 feet bgs in SB-8. All samples were analyzed for VOCs in accordance with EPA Method 8260B. Select samples from SB-8 were analyzed for PAHs in accordance with EPA Method 8270C (SIM). Analytical results reported VOC concentrations (benzene) in SB-3 exceeding the ADEQ rSRLs at 95 feet bgs. VOC concentrations were below laboratory MDLs and / or ADEQ rSRLs in remaining soil samples in SB-3 between 80 and 155 feet bgs and in all samples collected from boring SB-8. PAHs were analyzed in SB-8 at 15, 90 and 150 feet bgs and were reported below laboratory MDLs at all three depths. Soil laboratory analytical results are tabulated in the ADEQ eTables. Copies of laboratory analytical reports are included in Attachment B. Soil boring SB-3 was converted into a triple-nested vapor extraction well screened at varying intervals to compliment the SVE wells in the release source are and to be used as a monitoring point for radius of influence during future soil vapor extraction activities. Soil boring log and well construction diagram are included in Attachment C. During advancement of the augers at around 160 feet bgs in SB-8, ten feet of auger sheared off at the bottom of the borehole including the downhole sampling tool. The auger and sampling tool could not be retrieved, however, soil boring SB-8 was converted to a dual-nested vapor extraction well VE-4 (A/B), screened at separate intervals to also compliment the SVE wells in the release source area and to be used as a monitoring point for radius of influence during future SVE activities.

Between March 12 and 15, 2024, SB-7 was drilling using a third drill rig (rotosonic) with dual casing to a continuous core for soil classification throughout the borehole and also to allow for the isolation of perched aquifers from the deeper confined aquifer beneath the clay horizon. SB-7 was located off-site, approximately 295 feet north-northeast of the release source area to allow for investigation of the deeper regional aquifer beneath the clay well outside of the estimated release source area, protecting the aquifer from any potential vertical migration of contaminants (Figure 2). SB-7 was drilled to a total depth of 225 feet bgs. Soil was examined for every foot of core between 5 and 225 feet bgs and was evaluated for any field indication of contaminated soil using a PID. There were no obvious signs of contamination at any depth within soil boring SB-7.

During drilling, perched aquifer conditions were observed at approximately 165 feet. The boring was cased off at approximately 180 feet bgs to avoid connecting the upper perched aquifer with the lower regional aquifer, out of an abundance of caution. Smaller diameter inner casing was advanced past 180 feet and drilled to the total boring depth of 225 feet bgs. Groundwater in the

regional aquifer was first observed at approximately 198 feet bgs beneath the confining clay horizon and reached a static level of approximately 177 feet bgs after well installation. This is due to the regional aquifer under pressure at approximately 198 feet bgs beneath the confining clay layer and rising above the top of the aquifer within the well column that was drilled throughout the confining layer (Figures 4 and 5). Groundwater monitor well MW-3 was installed and screened in the regional aquifer between 200 and 225 feet bgs to limit the potential for perched aquifer migration into the well screen. Soil boring logs and well construction diagrams are included in Attachment C.

March 25 – April 19, 2024:

Beginning on March 25, 2024, soil boring SB-9 was drilled approximately 110 feet east of the release source area, on the Project Site property, to continue the investigation of the lateral extent of soil contamination (Figure 2). SB-9 was drilled and sampled to a total depth of 175 feet bgs where groundwater was observed. Soil samples were collected at five-foot intervals beginning at five feet bgs to 175 feet bgs. Soil samples were analyzed for VOCs in accordance with EPA Method 8260B, and select samples were analyzed for PAHs in accordance with EPA 8270C SIM. Laboratory analytical results indicated all VOCs and PAHs were reported below laboratory MDLs for all samples collected from SB-9. Soil analytical results are tabulated in the ADEQ eTables and copies of laboratory analytical reports are included in Attachment B. Saturated soil was first observed at 170 feet bgs during the drilling and sampling of SB-9. Depth to groundwater was later measured at approximately 166 feet bgs in the borehole. As a result, groundwater monitor well MW-5 was installed in soil boring SB-9 in the perched aquifer. Soil boring log and well construction diagram are included in Attachment C. Groundwater recharge into MW-5 during well installation, well development, and later, well sampling is very slow. MW-5 was purged dry during the initial groundwater sampling event later conducted on May 2, 2024, and took greater than 12 hours to fully recharge. As a result, groundwater observed in MW-5 is likely associated with a perched aquifer at the upper horizon of the confining clay layer, similar to conditions observed in boring SB-4 / MW-1. Please note, drilling of SB-9 did not extend through the confining layer.

Drilling and groundwater well installation continued between March 27 and April 18, 2024 using the rotosonic drill rig with dual casing. Soil borings SB-10 through SB-12 were positioned at distances ranging between approximately110 and 230 feet northwest, west and south-southeast of the release source area (Figure 2). The purpose of borings SB-10 through SB-12 were to allow for additional groundwater well installation beneath the confining layer and away from the release source area. Soil samples were not collected in SB-10, however samples were collected from SB-11 between 165 and 215 feet bgs and from SB-12 between 175 and 220 feet bgs. All soil samples were analyzed for VOCs in accordance with EPA Method 8260B and one sample was analyzed for PAHs in SB-11 at 215 feet in accordance with EPA Method 8270C SIM. VOC and PAH concentrations were reported below laboratory MDLs for all samples. Laboratory analytical results are tabulated in the ADEQ eTables and copies of laboratory analytical reports are included in Attachment B. Groundwater monitor wells were installed in each soil boring, MW-4 (SB-10), MW-6 (SB-11), and MW-7 (SB-12), and screened beneath the confining layer from 200 to 220 feet bgs within the regional aquifer. Soil boring log and well construction diagram are included in Attachment C and cross-sections are included in Figures 4 and 5.

Groundwater monitor wells MW-1, MW-3 through MW-7 were developed via surge and bail. All wells screened within the regional aquifer (MW-3, MW-4 and MW-6) recharged continuously

throughout well development. Monitor wells screened within the perched aquifer (MW-1 and MW-5) recharged very slowly and were bailed dry during well development. As mentioned previously, MW-2 is dry. Initial groundwater monitoring and sampling was conducted between May 1 and May 3, 2024 for all monitor wells except MW-2. Groundwater depth was measured between 175.48 and 182.95 feet below top of casing (btoc) in the regional aquifer wells (MW-3, MW-4, MW-6 and MW-7) and between 162.50 and 162.83 feet btoc in perched aquifer wells (MW-1 and MW-5). Prior to sampling, deep wells were purged using a Grundfos submersible pump set to a low flow in accordance with the 2017 EPA Low Stress (Low Flow) Purging and Sampling Procedure for Groundwater Sample Collection.

Based on monitor well survey data and regional aquifer groundwater elevations, groundwater flow is estimated to the west-northwest. Monitor wells MW-3, MW-4 and MW-6 (regional aquifer wells) were capable of maintaining static water levels during low-flow purging. Monitor wells MW-1 and MW-5 (perched aquifer wells) and MW-7 (regional aquifer well) were purged dry due to low recovery of static water level. Samples were collected using a new disposable bailer at each well after water levels recovered to within 90% of initial static water levels. Samples were analyzed for VOCs and PAHs in accordance with EPA Methods 8260B and 8270C SIM. Two VOCs, 2-butanone and propene were reported at estimated concentrations above the laboratory method detection limit, but below the laboratory minimum reporting limit, in MW-5 (perched aquifer well). All VOCs in all other wells, including the four deep regional aquifer wells (MW-3, MW-4, MW-6 and MW-7) and the other perched aquifer well (MW-1) were reported below the ADEQ AWQS for all VOC constituents. In addition, PAHs were reported below the laboratory method detection limits for all wells sampled (see ADEQ eTables). Copies of groundwater laboratory analytical reports are included in Attachment B.

March 1 – May 15, 2024:

Throughout the site investigation discussed above, private domestic wells located within the vicinity of the Project Site were sampled on a weekly basis between March 1 and May 15, 2024 to confirm that the wells have not been impacted by LUST 5953.01 (Figure 2). Private wells are screened within the regional aquifer and were sampled in accordance with the February 25, 2024 Sampling and Analysis Plan prepared by ENCORE and previously submitted to the ADEQ. All samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX) in accordance with Method 524.2. For all sample events conducted on drinking water wells through May 8, 2024, analytical results have indicated BTEX is “undetected”. Sample results for the May 15 event are still pending receipt from the laboratory. Groundwater results are tabulated in the ADEQ eTables and copies of laboratory analytical reports are included in Attachment B.

March 8 – 20, 2024:

Beginning March 8, 2024, remediation system installation began which included the following components for temporary setup:

- Chain-link fence compound
- 1000-gallon propane tank
- 1000-gallon diesel fuel cell
- One 36-KW diesel generator
- 500-CFM SVE unit
- SVE well manifold

- Concrete jersey barriers
- Two 55-gallon drums for condensate storage

A well manifold was installed tying remedial wells VE-1, MW-2, and VE-2 (A/B) to extract at varying intervals in the subsurface at the source area. A site plan showing the temporary remediation layout is depicted in Figure 6.

The 500-CFM oxidizer began operating on March 21, 2024 in thermal mode. Since startup of the first oxidizer, approximately 3,249 pounds of GRO had been treated through April 16, 2024 with an average destruction efficiency of 98% (Table 1). Radius of influence (ROI) was monitored at nearby remediation wells which included MW-1, triple-nested vapor extraction well VE-3 (A/B/C), and dual nested vapor extraction well VE-4 (A/B). The maximum ROI distance is 127 feet laterally between VE-1 (source area) and VE-4B (west of source area) with a vacuum of 1.07 inches of water column (Table 3).

Soil vapor samples were collected at the system influent (post-dilution and pre-dilution), effluent and remediation wells on March 21, March 29, April 4, and April 18. Vapor samples were submitted to Airtech Environmental Laboratories (AEL) and analyzed for VOCs and GRO in accordance with Methods 8260B AZ and 8015 GRO, respectively. Laboratory analytical results for GRO and select VOC concentrations are included in Table 4 and the ADEQ eTable and results for lighter end compounds (TICs) are included in Table 5. GRO and lighter end compound concentrations have been consistent in vapor extraction wells since startup. Copies of laboratory analytical reports are included in Attachment B.

April 26, 2024 – Ongoing:

On March 11, 2024, a second 250-CFM oxidizer unit was mobilized to the Project Site along with an additional 36-KW generator to power the unit. The 250-CFM oxidizer began operating on April 26, 2024 in thermal mode in conjunction with the 500-CFM oxidizer. Between April 26 and May 8, 2024, approximately 812 pounds of GRO have been treated with the 250-CFM oxidizer and approximately 5,566 pounds of GRO have been treated with the 500-CFM oxidizer since startup (Table 2). Vapor samples were collected on May 8, 2024 and analyzed for VOCs and GRO in accordance with Methods 8260B AZ and 8015 GRO, respectively. Overall, GRO and lighter end compound concentrations have been consistent with previous samples results. Graphs of GRO and lighter end compound concentrations for each sample event are included in Figures 7 through 11. Copies of laboratory analytical reports are included in Attachment B.

SVE remediation will continue with both units and data will be evaluated to determine the effectiveness of using two oxidizers to reduce lighter end compound. Vertical delineation of LUST 5953.01 in the source area will continue until further reduction of VOC concentrations in the vadose zone is observed and SVE optimization is achieved.

FIGURES

DRAFT

1,000-Foot Radius

500-Foot Radius

¼ Mile (1,320-foot) Radius

North State Route 89

West Road 3 North

West Palomino Road

West Butterfield Road

55-646184
55-593475
55-635274
55-606727
55-901717
55-587516
55-582700
55-807627
55-537791
55-802756
55-636608
55-567412
55-535371
55-802705
55-532762
55-503099
55-636498
55-581323
55-516692
55-513231
55-901696
Facility ID 0-009194
55-532738
55-564168
55-802248
55-577451
55-504425
55-504019
55-910687
55-595823
55-503023
55-638566
55-630144
55-903894
55-505698
55-808201
55-636498
Facility ID 0-008645
55-640496
55-611532
55-801812
55-594530
55-638566
55-638566

0 350 700 FT

APPROX. SCALE: 1 INCH = 350 FEET

LEGEND

- Property Boundary
- Active UST Facility
- Abandoned Well
- Confirmed UST Release
- Closed UST Release
- ADWR Wells

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N

Circle K Stores Inc. #2705326
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Radius Map

FIGURE 1

Facility ID: 0-009194 LUST 5953.01

Basemap: Google Earth

Legend

- Circle K Vapor Well
- Circle K Soil Boring
- Circle K Regional Aquifer Wells
- Circle K Perched Aquifer Wells
- Private Wells
- Sampled Private Wells
- Inactive/Abandoned Private Wells
- 55- ADWR Registration #
- Landowner Property Boundaries
- Estimated Regional Aquifer Gradient

55-593475
55-635274
55-807627
APN: 306-14-017F
55-537791
APN: 306-14-019D
APN: 306-14-019E
55-901717
APN: 306-14-009C
West Road 3 North
APN: 306-06-062D
APN: 800-13-018K
APN: 800-13-018M
55-503099
APN: 306-06-068
McDonalds
1948 N Highway 89
Chino Community Church
1969 N Highway 89
55-532762
55-802705
AutoZone, Dollar Tree
1940 - 1946 N Highway 89
SB-7 / MW-3
APN: 306-20-002B
55-516692
APN: 306-06-062C
Chino Valley Pharmacy
1932 N Highway 89
SB-10/MW-4
SB-5
West Palomino Road
SB-3 / VE-3a/3b/3c
55-532738
55-513231
SB-11 / MW-6
SB-6 / VE-2a/2b
SB-2
SB-9 / MW-5
SB-8 / VE-4a/4b
SB-1 / MW-2 / VE-1
M&M Eye Inst.
399 W Palomino
Circle K Store
#2705326
SB-12 / MW-7
Vacant
Commercial
APN: 306-06-035A
APN: 306-06-035B
APN: 306-06-030F
SB-4 / MW-1
APN: 306-06-032B
APN: 306-20-001D
APN: 306-20-007A
Chase Bank
31 Butterfield Road
55-577451
55-504425
55-504019
55-910687
West Butterfield Road
55-505698
55-085972
55-595823
APN: 306-06-001
APN: 306-20-003A
APN: 306-20-003B
55-630144
APN: 306-06-002
North State Route 89

0 105 210 FT

APPROX. SCALE: 1 INCH = 105 FEET

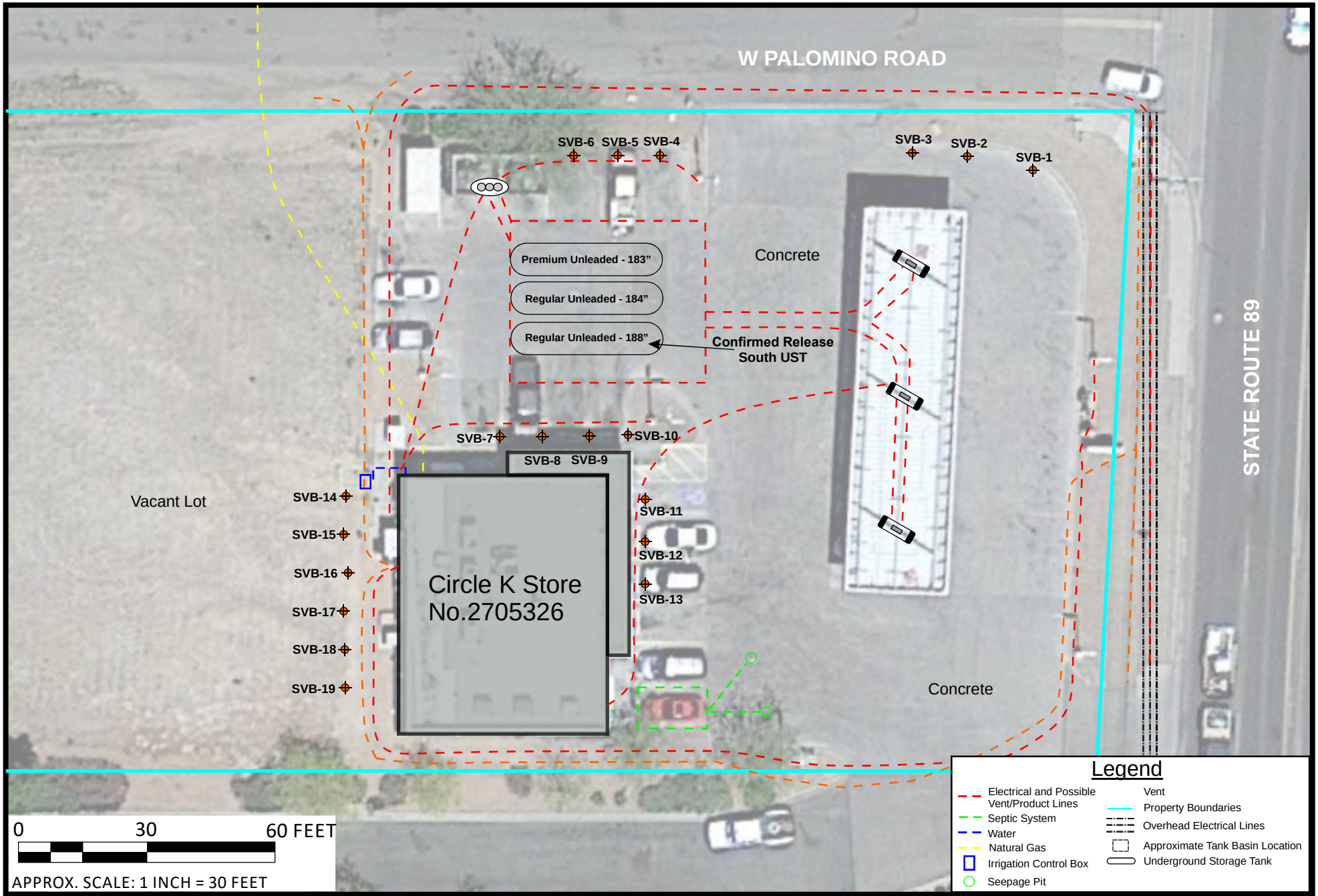
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SITE PLAN

FIGURE 2



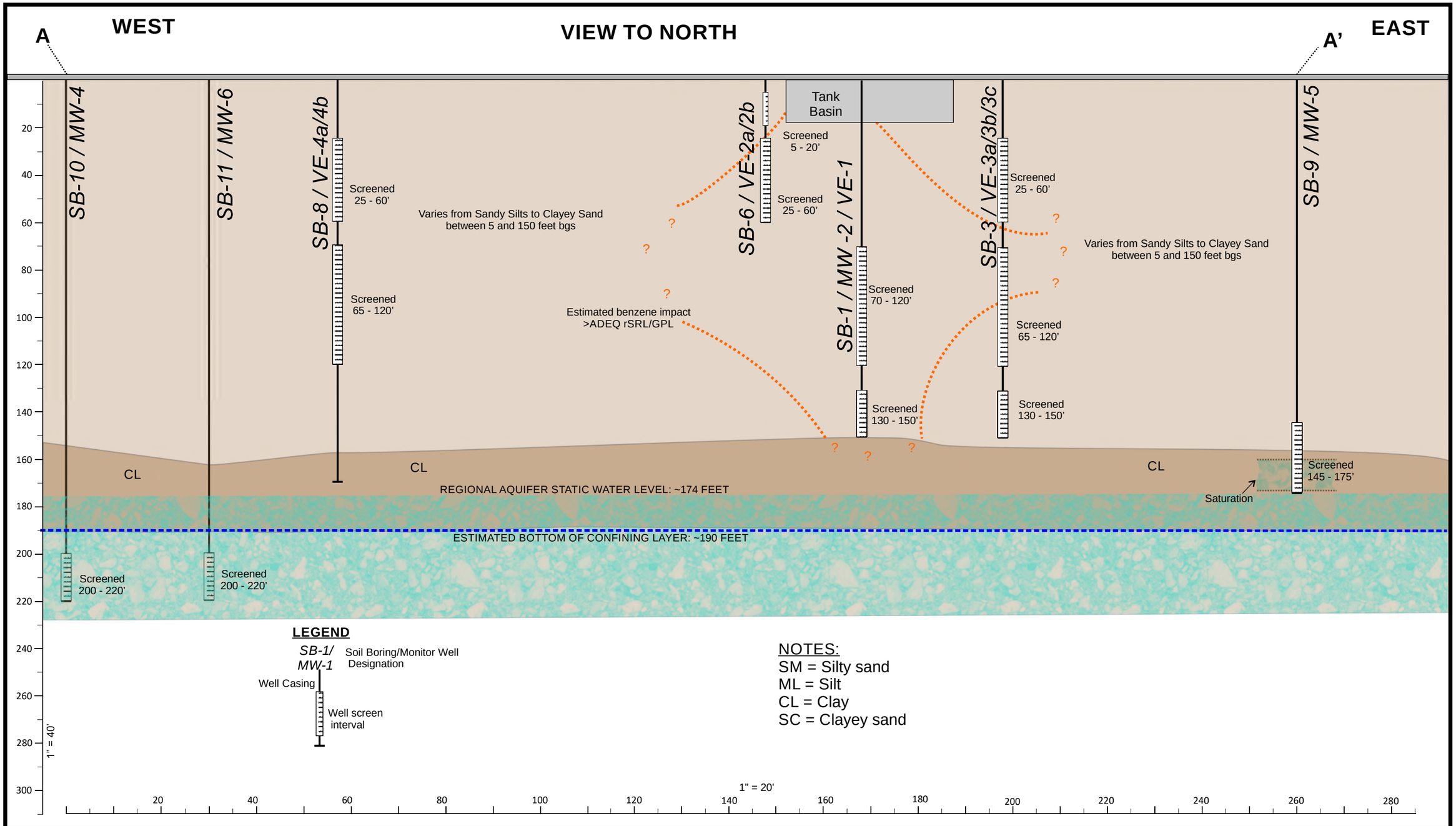
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Site Plan

FIGURE 3



ENCORE
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Circle K Stores #2705326
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A - A'
Cross Section

FIGURE 4

Facility ID: 0-009194 LUST #5953.01

B SOUTH VIEW TO WEST B’ NORTH

SB-4 / MW-1
SB-1 /MW-2 / VE-1
SB-6 / VE-2a/2b
SB-3 / VE-3a/3b/3c
SB-7 / MW-3
Tank Basin
Screened 5 - 20’
Screened 25 - 60’
Screened 25 - 60’
Screened 70 - 120’
Screened 65 - 120’
Screened 130 - 150’
Screened 130 - 150’
Screened 145 - 175’
Varies from Sandy Silts to Clayey Sand between 5 and 150 feet bgs
CL
CL
CL
REGIONAL AQUIFER STATIC WATER LEVEL: ~174 FEET
ESTIMATED BOTTOM OF CONFINING LAYER: ~190 FEET

20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

1” = 40’

40 80 120 160 200 240 280 320 360 400 440 480 520 560

1” = 40’

LEGEND

SB-1/ MW-1 Soil Boring/Monitor Well Designation

Well Casing

Well screen interval

NOTES:
ML = Silt
SM = Silty sand
ML = Silt
CL = Clay
SC = Clayey sand
All lithological conditions outside boring assumed

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B - B’
Cross Section

FIGURE 5

Facility ID: 0-009194 LUST #5953.01



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N

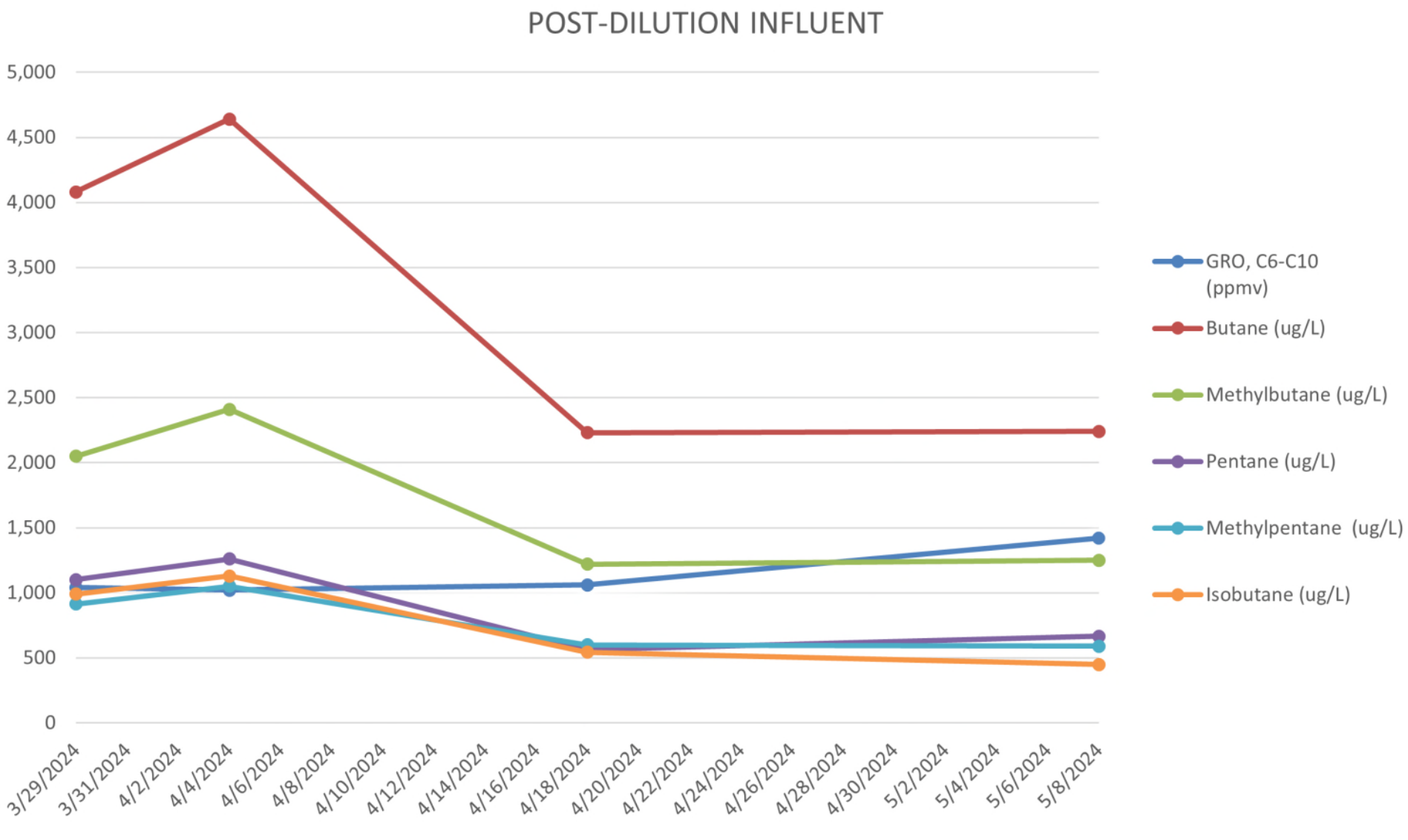
Circle K Store #2705326
1910 North State Route 89
Chino Valley, Arizona 86323

Remediation Compound

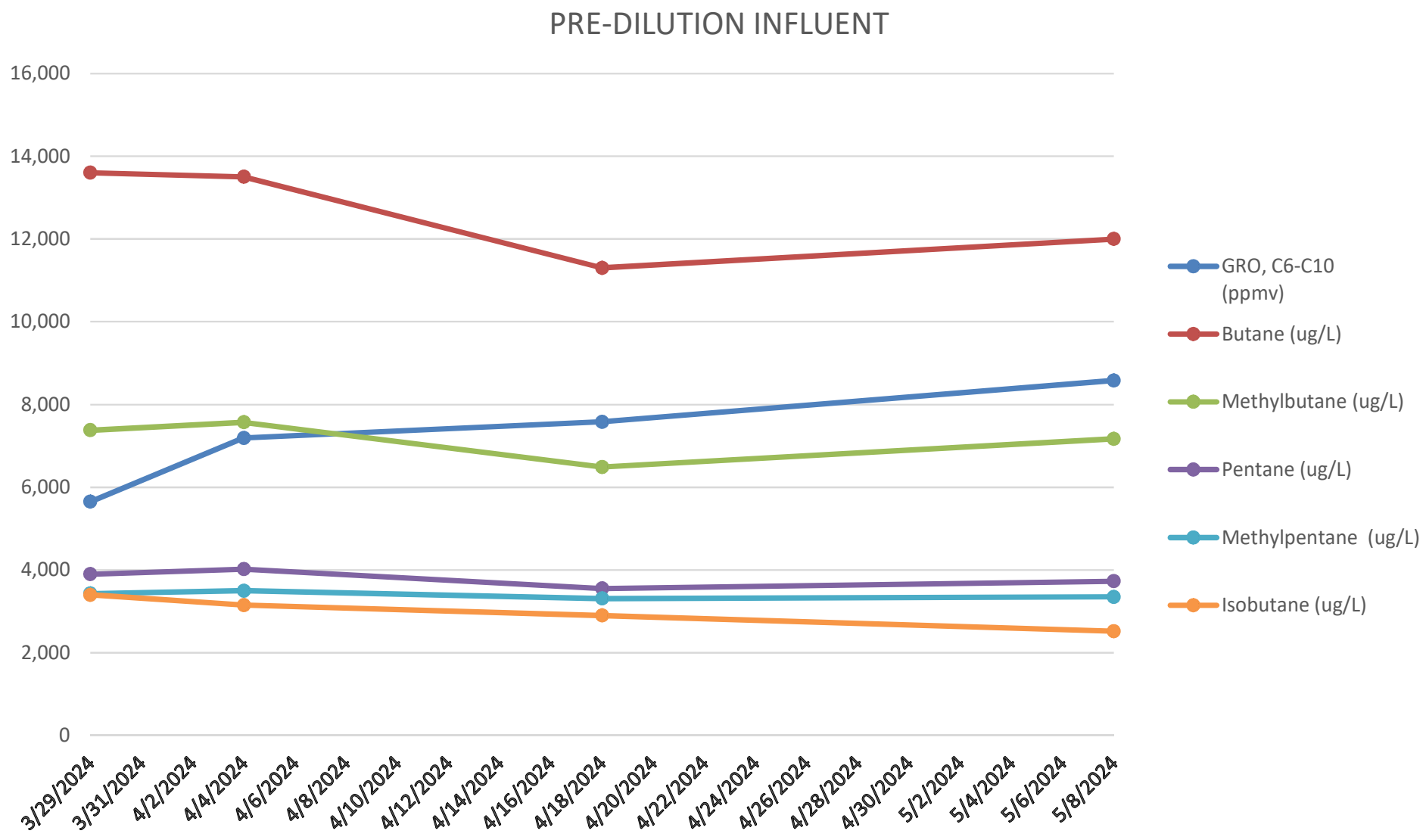
FIGURE 6

Facility ID: 0-009194

Basemap: Google Earth



ENCORE Environmental Compliance & Remediation 950 West Elliot Road, Suite 116 Tempe, Arizona 85284 480.258.1778	LUST # 5953.01	**Circle K Stores Inc.** **Store No. 2705326** 1910 North Stat Route 89 Chino Valley, Arizona 86323	**Post-Dilution Influent**	**FIGURE** **7**



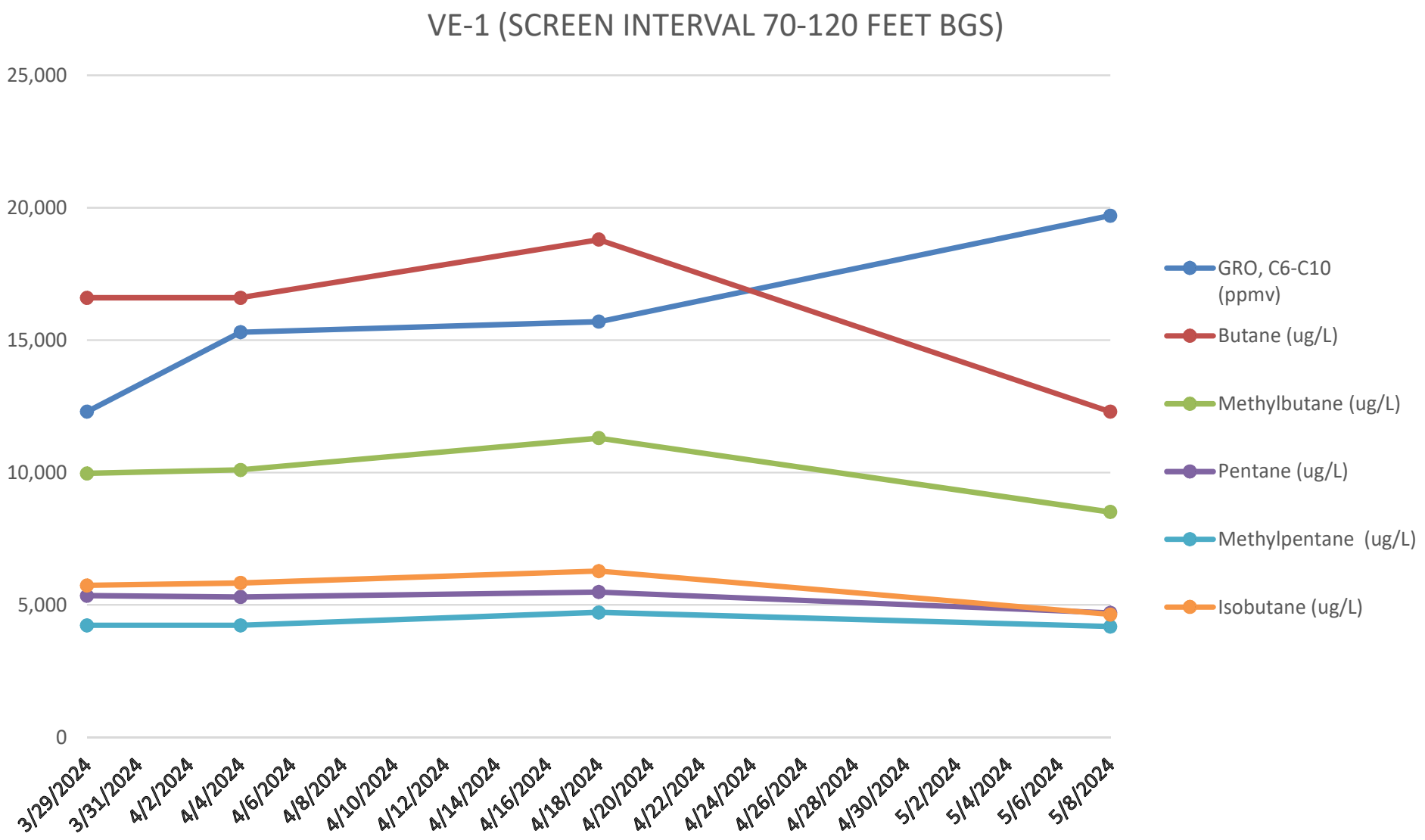
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Pre-Dilution Influent

FIGURE 8



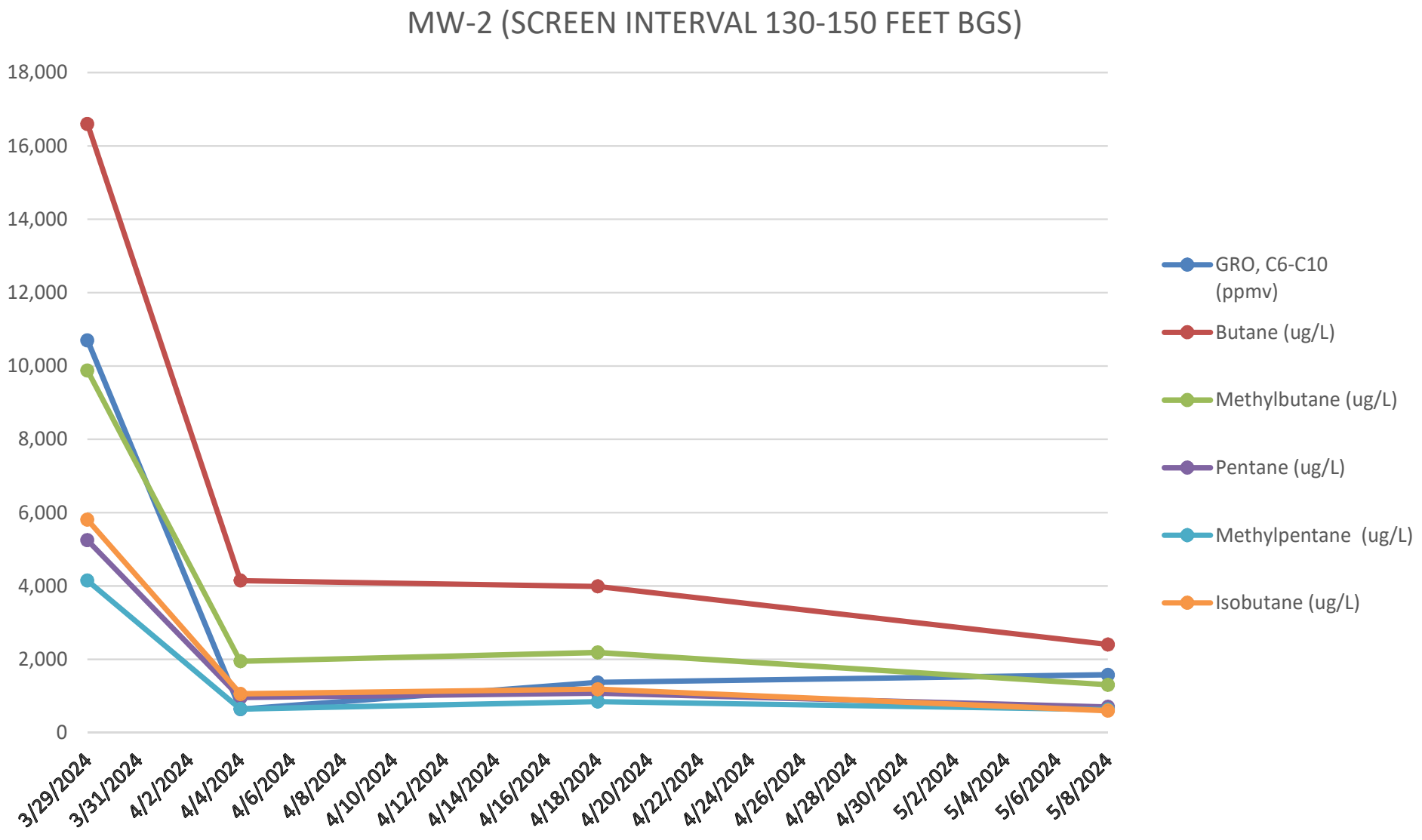
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VE-1

FIGURE 9



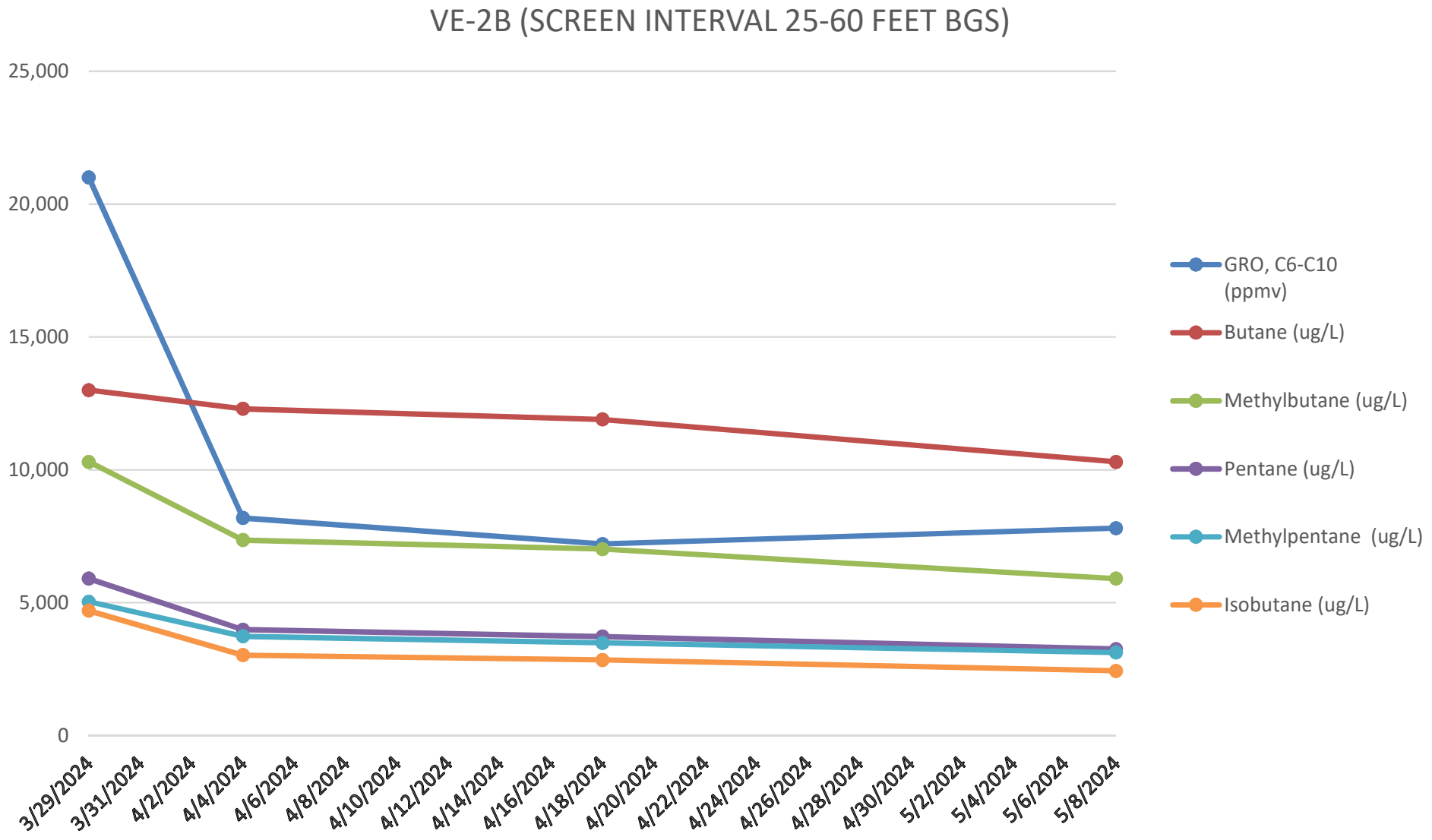
ENCORE
Environmental Compliance & Remediation
950 West Elliot Road, Suite 116
Tempe, Arizona 85284
480.258.1778

LUST # 5953.01

Circle K Stores Inc.
Store No. 2705326
1910 North Stat Route 89
Chino Valley, Arizona 86323

MW-2

FIGURE 10



ENCORE
Environmental Compliance & Remediation
950 West Elliot Road, Suite 116
Tempe, Arizona 85284
480.258.1778

LUST # 5953.01

Circle K Stores Inc.
Store No. 2705326
1910 North Stat Route 89
Chino Valley, Arizona 86323

VE-2B

FIGURE 11

TABLES

Table 1 - SVE SYSTEM PROCESS PERFORMANCE (500-CFM)
CIRCLE K STORE No. 2705326
1910 N State Route 89, Chino Valley, Arizona 86323

SVE SYSTEM PROCESS PERFORMANCE					GRO (VOC)							Benzene						
Date	Period Run Time (Hours)	Period Run Time Efficiency (%)	Total Run Time Efficiency (%)	Process Air Flow Rate (ACFM)	Process (Influent) Conc. (ppmv)	Period Pounds Treated (Lbs)	Cumulative Pounds Treated (Lbs)	Process Rate (Lbs/Hr)	Process Rate (Lbs/Day)	Effluent Conc. (ppmv)	Destruction Efficiency (%)	Process (Influent) Conc. (ppmv)	Period Pounds Treated (Lbs)	Cumulative Pounds Treated (Lbs)	Process Rate (Lbs/Hr)	Process Rate (Lbs/Day)	Effluent Conc. (ppmv)	Destruction Efficiency (%)
3/21/24 12:36 PM	0	100	100	360	1,040	0	0	5.8	140	< 23.30	97.8	27.1	0.00	0.00	0.12	2.9	< 0.31	98.9
3/29/24 11:39 AM	187	98	98	354	1,020	1,052	1,052	5.6	135	< 23.30	97.7	28.0	22.58	22.58	0.12	2.9	< 0.31	98.9
4/4/24 8:51 AM	93.4	66	84	368	1,060	568	1,621	6.1	146	< 23.30	97.8	26	10.94	10.94	0.12	2.8	< 0.31	98.8
4/18/24 11:39 AM	207.7	61	73	354	1,420	1,629	3,249	7.8	188	< 23.30	98.4	34	30.12	30.12	0.15	3.5	< 0.31	99.1
5/8/24 7:48 AM	305.4	64	69	320	1,520	2,317	5,567	7.6	182	< 23.30	98.5	38	45.65	45.65	0.15	3.6	< 0.31	99.2

Cumulative Treated	
Gallons Treated:	917
Pounds Treated:	5,567

NOTES:

GRO	- Gasoline range organics, hydrocarboncarbon-chain range C6 - C10
VOC	- Gasoline range volatile organic compounds
ACFM	- Actual cubic feet per minute
Conc.	- Concentration based on laboratory analytical results
ppmv	- Parts per million by volume
Lbs	- Pounds
Hr	- Hour
570	- Italic concentration: vapor sample result not available; most recent result used for calculation
MTBE	- Methyl tert-butyl ether
1,2,4-TMB	- 1,2,4-trimethylbenzene
1,3,5-TMB	- 1,3,5-trimethylbenzene
< 5.0	- Analyte not detected at or above the specific minimum laboratory reporting limit.

Table 2 - SVE SYSTEM PROCESS PERFORMANCE (250-CFM)

CIRCLE K STORE No. 2705326

1910 N State Route 89, Chino Valley, Arizona 86323

SVE SYSTEM PROCESS PERFORMANCE					GRO (VOC)							Benzene						
Date	Period Run Time (Hours)	Period Run Time Efficiency (%)	Total Run Time Efficiency (%)	Process Air Flow Rate (ACFM)	Process (Influent) Conc. (ppmv)	Period Pounds Treated (Lbs)	Cumulative Pounds Treated (Lbs)	Process Rate (Lbs/Hr)	Process Rate (Lbs/Day)	Effluent Conc. (ppmv)	Destruction Efficiency (%)	Process (Influent) Conc. (ppmv)	Period Pounds Treated (Lbs)	Cumulative Pounds Treated (Lbs)	Process Rate (Lbs/Hr)	Process Rate (Lbs/Day)	Effluent Conc. (ppmv)	Destruction Efficiency (%)
4/26/24 8:18 AM	13	100	100	259	1,040	53	53	4.2	101	< 23.30	97.8	27.1	1.09	1.09	0.09	2.1	< 0.31	98.9
5/8/24 8:04 AM	122	42	47	249	1,710	812	866	6.6	159	< 23.30	98.6	41.4	15.37	15.37	0.13	3.0	< 0.31	99.3

Cumulative Treated	
Gallons Treated:	143
Pounds Treated:	866

NOTES:

GRO	- Gasoline range organics, hydrocarboncarbon-chain range C6 - C10
VOC	- Gasoline range volatile organic compounds
ACFM	- Actual cubic feet per minute
Conc.	- Concentration based on laboratory analytical results
ppmv	- Parts per million by volume
Lbs	- Pounds
Hr	- Hour
570	- Italic concentration: vapor sample result not available; most recent result used for calculation
MTBE	- Methyl tert-butyl ether
1,2,4-TMB	- 1,2,4-trimethylbenzene
1,3,5-TMB	- 1,3,5-trimethylbenzene
< 5.0	- Analyte not detected at or above the specific minimum laboratory reporting limit.

Table 3-Radius of Influence Data Table

Circle K Store No. 2705326

1910 N State Route 89

Chino Valley, AZ 86323

Radius of Influence Data Table									
Date	**Extraction Well**	**Exctraction Well (% Open)**	**Dilution (% Open)**	**Screen Interval (Feet bgs)**	**Extraction Well Vacuum ("wc)**	**ROI Well Monitored**	**Screen Interval (Feet BGS)**	**Distance (Feet)**	**ROI Well Vacuum ("wc)**
3/19/2024	MW-2	100	38	130-150	38.65	MW-1	145-175	102	1.3
3/19/2024	MW-2	100	38	130-150	38.65	VE-3C	130-150	67	1.1
3/20/2024	VE-2B	100	48	25-60	22.3	VE-3A	25-60	70	0.27
3/20/2024	VE-1	100	38	70-120	35.25	VE-3B	65-120	67	0.9
3/20/2024	VE-2B	100	50	25-60	21.15	VE-3A	25-60	70	0.12
3/28/2024	VE-1	100	48	70-120	17.3	VE-4B	65-120	127	1.07
3/28/2024	VE-2B	100	48	25-60	17.2	VE-4A	25-60	105	0.4

Table 4-SVE Analytical Results Summary

Circle K Store No. 2705326
1910 N State Route 89
Chino Valley, Arizona 85253

Anaytical Results																		
Date	Sample Time	Analysis Performed	Name of Laboratory	GRO, C6-C10 (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	MTBE (ppmv)	1,2,4-TMB (ppmv)	1,3,5-TMB (ppmv)	Dillution Air % Open	Dilution Factor	Recirc % Open	Wells Open to system	System Vacuum (In. H_2O)	System Flow Rate (ACFM)	System Status
Effluent																		
03/21/2024	1233	8260B AZ AZ Vapor, 8015 GRO	AEL	<23.3	<0.31	<0.27	<0.23	<0.69	<0.55	<0.20	<0.20	38	1	0	2	22.4	354	System Start Up
03/29/2024	1135	8260B AZ AZ Vapor, 8015 GRO	AEL	<23.3	<0.31	<0.27	<0.23	<0.69	<0.55	<0.20	<0.20	48	1	0	3	19.0	354	
04/04/2024	0918	8260B AZ AZ Vapor, 8015 GRO	AEL	<23.3	<0.31	<0.27	<0.23	<0.69	<0.55	<0.20	<0.20	48	1	0	3	18.0	368	
04/18/2024	1206	8260B AZ AZ Vapor, 8015 GRO	AEL	<23.3	<0.31	<0.27	<0.23	<0.69	<0.55	<0.20	<0.20	48	1	0	3	19.7	354	
05/08/2024	0823	8260B AZ AZ Vapor, 8015 GRO	AEL	<23.3	<0.31	<0.27	<0.23	<0.69	<0.55	<0.20	<0.20	30	1	0	2	38.5	320	
System Influent (Post-Dilution, Process)																		
03/21/2024	1236	8260B AZ AZ Vapor, 8015 GRO	AEL	**1,040**	**27.1**	**55**	**4.82**	**16.9**	<5.54	<2.03	<2.03	38	10	0	2	22.4	354	System Start Up
03/29/2024	1139	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**1,020**	**28**	**61.9**	**5.12**	**17.4**	<5.54	<2.00	<2.03	48	10	0	3	19.0	354	
04/04/2024	0921	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**1,060**	**26.1**	**54.1**	**4.68**	**15.8**	<5.54	<2.00	<2.03	48	10	0	3	18.0	368	
04/18/2024	1210	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**1,420**	**33.6**	**82.1**	**7.37**	**24.5**	<5.54	**2.03**	<2.03	48	10	0	3	19.7	354	
05/08/2024	0832	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**1,520**	**38.3**	**101**	**9.7**	**35.4**	<5.54	**4.23**	<2.03	30	10	0	2	38.5	320	
System Influent (Pre-Dilution)																		
03/21/2024	1240	8260B AZ AZ Vapor, 8015 GRO	AEL	**5,650**	**148**	**286**	**24.9**	**88**	<27.7	<10.2	<10.2	38	50	0	2	22.4	354	System Start Up
03/29/2024	1143	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**7,190**	**180**	**385**	**31.7**	**108**	<27.7	<10.2	<10.2	48	50	0	3	19.0	354	
04/04/2024	0925	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**7,580**	**172**	**358**	**28.9**	**98.6**	<27.7	<10.2	<10.2	48	50	0	3	18.0	368	
04/18/2024	1214	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**8,580**	**195**	**435**	**39.3**	**134**	<27.7	**10.2**	<10.2	48	50	0	3	19.7	354	
05/08/2024	0841	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**9,490**	**235**	**584**	**47.5**	**156**	<27.7	<10.2	<10.2	30	50	0	2	38.5	320	
VE-1						**Screened 70'-120' bgs**												
03/20/2024	1324	8260B AZ Vapor Full List, 8015 GRO	AEL	**12,300**	**305**	**642**	**51**	**162**	<27.7	<10.2	<10.2	38	50	0	1	35.3	334	VE Test
03/29/2024	1151	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**15,300**	**348**	**947**	**99.8**	**353**	<27.7	**24.1**	<10.2	48	100	0	3	19.0	354	
04/04/2024	0938	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**15,700**	**289**	**674**	**62.8**	**211**	<27.7	**16.9**	<10.2	48	50	0	3	18.0	368	
04/18/2024	1218	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**19,700**	**373**	**971**	**102**	**346**	<27.7	**30**	**10.8**	48	50	0	3	19.7	354	
05/08/2024	0901	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**15,100**	**326**	**891**	**81**	**270**	<27.7	**24.1**	<10.2	30	50	0	2	38.5	320	

Table 4-SVE Analytical Results Summary

Circle K Store No. 2705326
1910 N State Route 89
Chino Valley, Arizona 85253

Anaytical Results																		
Date	Sample Time	Analysis Performed	Name of Laboratory	GRO, C6-C10 (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	MTBE (ppmv)	1,2,4-TMB (ppmv)	1,3,5-TMB (ppmv)	Dillution Air % Open	Dilution Factor	Recirc % Open	Wells Open to system	System Vacuum (In. H_2O)	System Flow Rate (ACFM)	System Status
VE-2A						**Screened 5'-20' bgs**												
03/21/2024	1255	8260B AZ Vapor Full List, 8015 GRO	AEL	<23.3	<0.31	**0.49**	<0.23	<0.69	<0.55	<0.20	<0.20	38	1	0	2	22.4	354	System Start Up
VE-2B						**Screened 25'-60' bgs**												
03/21/2024	1245	8260B AZ Vapor Full List, 8015 GRO, TICs	AEL	**21,000**	**530**	**1,010**	**78.8**	**276**	<27.7	**20.4**	<10.2	38	50	0	2	22.4	354	System Start Up
03/29/2024	1158	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**8,190**	**220**	**432**	**33.1**	**110**	<27.7	<10.2	<10.2	48	100	0	3	19.0	354	
04/04/2024	0934	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**7,210**	**187**	**363**	**26.2**	**86.4**	<27.7	<10.2	<10.2	48	50	0	3	18.0	368	
04/18/2024	1225	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**7,810**	**202**	**448**	**38.5**	**131**	<27.7	<10.2	<10.2	48	50	0	3	19.7	354	
05/08/2024	0907	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**8,880**	**226**	**557**	**43.4**	**146**	<27.7	<10.2	<10.2	30	50	0	2	38.5	320	
MW-2						**Screened 130'-150'**												
03/20/2024	1415	8260B AZ Vapor Full List, 8015 GRO	AEL	**10,700**	**264**	**554**	**40.2**	**126**	<27.7	<10.2	<10.2	30	50	0	1	51.3	297	VE Test
03/29/2024	1155	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**644**	**3.7**	**16**	**2.3**	**8.57**	<5.54	<2.03	<2.03	48	100	0	3	19.0	354	
04/04/2024	0929	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**1,372**	<3.13	**5.99**	<2.30	<6.91	<5.54	<2.03	<2.03	48	10	0	3	18	368	
04/18/2024	1230	8260B AZ AZ Vapor, 8015 GRO, TICs	AEL	**1,580**	**18.7**	**65.1**	**8.25**	**30.3**	<5.54	**3.72**	<2.03	48	10	0	3	19.7	354	

NOTES:

GRO	- Gasoline range organics (C6 - C10), volatile organic compounds
ppmv	- Parts per million by volume
MTBE	- Methyl tert-butyl ether
1,2,4-TMB	- 1,2,4-trimethylbenzene
1,3,5-TMB	- 1,3,5-trimethylbenzene
< 5.0	- Analyte not detected at or above the specific method detection limit.
AEL	- Airtech Environmental Laboratories, ADHS Lic. No. AZ 0740
*	- Influent vapor sample collected prior to dilution at the oxidizer.

Table 5-Tentatively Identified Compounds - TIC's
Circle K Store No. 2705326
1910 N State Route 89, Chino Valley, Arizona 86323

	Butane (ug/L)	Methylbutane (ug/L)	Pentane (ug/L)	Pentene (ug/L)	Methylbutene (ug/L)	Dimethylbutane (ug/L)	Hexane (ug/L)	Methylpentane (ug/L)	Isobutane (ug/L)
Post-Dilution Influent									
3/29/2024	4,080	2,050	1,100	ND	ND	ND	ND	914	991
4/4/2024	4,640	2,410	1,260	ND	ND	ND	ND	1,050	1,130
4/18/2024	2,230	1,220	562	ND	ND	ND	ND	599	544
5/8/2024	2,240	1,250	666	ND	ND	ND	ND	589	448
Pre-Dilution Influent									
3/29/2024	13,600	7,380	3,900	ND	ND	ND	ND	3,430	3,400
4/4/2024	13,500	7,570	4,020	ND	ND	ND	ND	3,500	3,150
4/18/2024	11,300	6,490	3,550	ND	ND	ND	ND	3,310	2,900
5/8/2024	12,000	7,170	3,730	ND	ND	ND	ND	3,350	2,520
VE-1									
3/20/2024	16,600	9,970	5,350	ND	ND	ND	ND	4,230	5,740
3/29/2024	16,600	10,100	5,300	ND	ND	ND	ND	4,230	5,830
4/4/2024	18,800	11,300	5,490	ND	ND	ND	ND	4,720	6,280
4/18/2024	12,300	8,510	4,700	ND	ND	ND	ND	4,190	4,640
5/8/2024	15,200	9,900	5,210	ND	ND	ND	ND	4,060	4,660
VE-2A									
3/21/2024	ND	ND	ND	ND	ND	ND	ND	ND	ND
VE-2B									
3/21/2024	13,000	10,300	5,910	ND	ND	ND	ND	5,040	4,700
3/29/2024	12,300	7,360	3,990	ND	ND	ND	ND	3,740	3,030
4/4/2024	11,900	7,020	3,730	ND	ND	ND	ND	3,490	2,850
4/18/2024	10,300	5,910	3,260	ND	ND	ND	ND	3,130	2,440
5/8/2024	9,700	5,930	3,250	ND	ND	ND	ND	3,080	1,780
MW-2									
3/20/2024	16,600	9,880	5,250	ND	ND	ND	ND	4,150	5,810
3/29/2024	4,150	1,950	957	ND	ND	ND	ND	651	1,060
4/4/2024	3,990	2,190	1,080	ND	ND	ND	ND	851	1,190
4/18/2024	2,410	1,310	708	ND	ND	ND	ND	635	602

ATTACHMENT B

LABORATORY ANALYTICAL REPORTS

SOIL VAPOR SURVEY

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 25, 2024

Client:	Shanda Wagner	Work Order #:	24B036
Company:	Encore Consulting	Project Name:	CK2705326
Address:	950 W Elliot Rd, Suite 116	Project Number:	CK2705326
	Tempe, AZ 85284	Received Date:	2/22/2024

Dear Client:

Airtech Environmental Laboratories received sixteen (16) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 25, 2024

Client:	Shanda Wagner	Work Order #:	24B036
Company:	Encore Consulting	Project Name:	CK2705326
Address:	950 W Elliot Rd, Suite 116	Project Number:	CK2705326
	Tempe, AZ 85284	Received Date:	2/22/2024

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
24B036-01	Equipment Blank	TO-15	2/19/2024	1520
24B036-02	Field Blank	TO-15	2/19/2024	1530
24B036-03	SVB-1	TO-15	2/19/2024	1553
24B036-04	SVB-2	TO-15	2/19/2024	1612
24B036-05	SVB-3	TO-15	2/19/2024	1628
24B036-06	SVB-4	TO-15	2/19/2024	1644
24B036-07	SVB-5	TO-15	2/19/2024	1706
24B036-08	SVB-6	TO-15	2/19/2024	1728
24B036-09	SVB-7	TO-15	2/20/2024	1149
24B036-10	SVB-8	TO-15	2/20/2024	1214
24B036-11	SVB-9	TO-15	2/20/2024	1313
24B036-12	SVB-10	TO-15	2/20/2024	1410
24B036-13	SVB-11	TO-15	2/20/2024	1441
24B036-14	SVB-12	TO-15	2/20/2024	1502
24B036-15	SVB-13	TO-15	2/20/2024	1525
24B036-16	Duplicate	TO-15	2/20/2024	1425

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: February 25, 2024

Client:	Shanda Wagner	Work Order #:	24B036
Company:	Encore Consulting	Project Name:	CK2705326
Address:	950 W Elliot Rd, Suite 116	Project Number:	CK2705326
	Tempe, AZ 85284	Received Date:	02/22/24

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

L5: The associated blank spike recovery was above the laboratory/method acceptance limits. The analyte was not detected in the sample.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Pressure	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
24B036-01	Equipment Blank	1881	2402-02	-29.0	28.42	080	2401-02
24B036-02	Field Blank	1863	2402-02	-29.0	10.74	103	2401-02
24B036-03	SVB-1	1866	2402-02	-29.0	11.00	263	2401-02
24B036-04	SVB-2	1811	2402-02	-29.0	11.08	118	2401-02
24B036-05	SVB-3	1852	2402-02	-29.0	9.32	153	2401-02
24B036-06	SVB-4	E2097	2402-01	-29.0	12.22	265	2401-02
24B036-07	SVB-5	1821	2402-02	-29.0	11.66	058	2401-02
24B036-08	SVB-6	1878	2402-01	-29.0	11.10	262	2401-02
24B036-09	SVB-7	E2411	2402-05	-29.0	8.14	094	2312-02
24B036-10	SVB-8	E2369	2402-04	-29.0	10.74	036	2312-02
24B036-11	SVB-9	E2280	2402-04	-29.0	10.42	066	2312-02
24B036-12	SVB-10	0206	2402-01	-29.0	11.80	022	2401-02
24B036-13	SVB-11	E2401	2402-10	-29.0	11.84	156	2402-02
24B036-14	SVB-12	E2090	2402-10	-29.0	7.64	236	2402-02
24B036-15	SVB-13	1839	2402-10	-29.0	11.74	198	2402-02
24B036-16	Duplicate	1826	2402-02	-29.0	10.56	264	2401-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	Equipment Blank
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	01	**Matrix:**	Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.87	6.87		2	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/23/2024	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/23/2024	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 3.97	3.97		2	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/23/2024	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.68	7.68		2	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/23/2024	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/23/2024	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.62	4.62		2	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/23/2024	108-67-8
1,3-Butadiene	< 4.0	4.0	< 8.84	8.84		2	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/23/2024	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14.4	14.4		2	2/23/2024	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.66	4.66		2	2/23/2024	540-84-1
2-Butanone (MEK)	< 10	10	< 29.5	29.5		2	2/23/2024	78-93-3
2-Hexanone	< 10	10	< 41.0	41.0	L5	2	2/23/2024	591-78-6
2-Propanol (IPA)	**37**	**10**	**89.8**	**24.5**		2	2/23/2024	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.84	9.84		2	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41.0	41.0		2	2/23/2024	108-10-1
Acetone	< 10	10	< 23.8	23.8		2	2/23/2024	67-64-1
Allyl chloride	< 4.0	4.0	< 12.5	12.5		2	2/23/2024	107-05-1
Benzene	< 1.0	1.0	< 3.19	3.19		2	2/23/2024	71-43-2
Benzyl chloride	< 4.0	4.0	< 20.7	20.7		2	2/23/2024	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.70	6.70		2	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.37	4.37		2	2/23/2024	593-60-2
Bromoform	< 1.0	1.0	< 10.3	10.3		2	2/23/2024	75-25-2
Bromomethane	< 1.0	1.0	< 3.88	3.88		2	2/23/2024	74-83-9
Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/23/2024	104-51-8
Carbon disulfide	< 4.0	4.0	< 12.4	12.4		2	2/23/2024	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.29	6.29		2	2/23/2024	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.60	4.60		2	2/23/2024	108-90-7
Chloroethane	< 1.0	1.0	< 2.64	2.64		2	2/23/2024	75-00-3
Chloroform	< 1.0	1.0	< 4.88	4.88		2	2/23/2024	67-66-3
Chloromethane	< 2.0	2.0	< 4.14	4.14		2	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/23/2024	542-75-6
Cyclohexane	< 1.0	1.0	< 3.44	3.44		2	2/23/2024	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.52	8.52		2	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 4.0	4.0	< 19.8	19.8		2	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 6.99	6.99		2	2/23/2024	76-14-2
Ethanol	**25**	**10**	**47.4**	**18.8**		2	2/23/2024	64-17-5
Ethyl Acetate	< 4.0	4.0	< 14.4	14.4		2	2/23/2024	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.34	4.34		2	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	Equipment Blank
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	01	**Matrix:**	Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
Heptane	< 1.0	1.0	< 4.10	4.10		2	2/23/2024	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21.3	21.3		2	2/23/2024	87-68-3
Hexane	< 2.0	2.0	< 7.04	7.04		2	2/23/2024	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/23/2024	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.68	8.68		2	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14.4	14.4		2	2/23/2024	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.04	8.04		2	2/23/2024	108-87-2
Methylene chloride	< 4.0	4.0	< 13.9	13.9		2	2/23/2024	75-09-2
Naphthalene	< 10	10	< 52.4	52.4		2	2/23/2024	91-20-3
Nonane	< 2.0	2.0	< 10.5	10.5		2	2/23/2024	111-84-2
Octane	< 2.0	2.0	< 9.34	9.34		2	2/23/2024	111-65-9
o-Xylene	< 1.0	1.0	< 4.34	4.34		2	2/23/2024	95-47-6
Propene (Propylene)	< 4.0	4.0	< 6.88	6.88		2	2/23/2024	115-07-1
Propylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/23/2024	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/23/2024	135-98-8
Styrene	< 1.0	1.0	< 4.26	4.26		2	2/23/2024	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/23/2024	98-06-6
Tetrachloroethene	< 2.0	2.0	< 13.6	13.6		2	2/23/2024	127-18-4
Tetrahydrofuran	< 10	10	< 29.5	29.5	L5	2	2/23/2024	109-99-9
Toluene	**2.2**	**1.0**	**8.44**	**3.77**		2	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/23/2024	542-75-6
Trichloroethene	< 1.0	1.0	< 5.37	5.37		2	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.62	5.62		2	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.66	7.66		2	2/23/2024	76-13-1
Vinyl acetate	< 4.0	4.0	< 14.1	14.1		2	2/23/2024	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.56	2.56		2	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	99.4	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Difluoroethane	< 20	20	ppbv		T4	2	2/23/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	**Client Sample ID:**	Field Blank
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	02	**Matrix:**	Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/22/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.87	6.87		2	2/22/2024	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/22/2024	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/22/2024	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 3.97	3.97		2	2/22/2024	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	2/22/2024	120-82-1
1,2,4-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/22/2024	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.68	7.68		2	2/22/2024	106-93-4
1,2-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/22/2024	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/22/2024	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.62	4.62		2	2/22/2024	78-87-5
1,3,5-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/22/2024	108-67-8
1,3-Butadiene	< 4.0	4.0	< 8.84	8.84		2	2/22/2024	106-99-0
1,3-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/22/2024	541-73-1
1,4-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/22/2024	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14.4	14.4		2	2/22/2024	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.66	4.66		2	2/22/2024	540-84-1
2-Butanone (MEK)	< 10	10	< 29.5	29.5		2	2/22/2024	78-93-3
2-Hexanone	< 10	10	< 41.0	41.0	L5	2	2/22/2024	591-78-6
2-Propanol (IPA)	< 10	10	< 24.5	24.5		2	2/22/2024	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.84	9.84		2	2/22/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41.0	41.0		2	2/22/2024	108-10-1
Acetone	< 10	10	< 23.8	23.8		2	2/22/2024	67-64-1
Allyl chloride	< 4.0	4.0	< 12.5	12.5		2	2/22/2024	107-05-1
Benzene	< 1.0	1.0	< 3.19	3.19		2	2/22/2024	71-43-2
Benzyl chloride	< 4.0	4.0	< 20.7	20.7		2	2/22/2024	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.70	6.70		2	2/22/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.37	4.37		2	2/22/2024	593-60-2
Bromoform	< 1.0	1.0	< 10.3	10.3		2	2/22/2024	75-25-2
Bromomethane	< 1.0	1.0	< 3.88	3.88		2	2/22/2024	74-83-9
Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/22/2024	104-51-8
Carbon disulfide	< 10	10	< 31.1	31.1		2	2/22/2024	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.29	6.29		2	2/22/2024	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.60	4.60		2	2/22/2024	108-90-7
Chloroethane	< 4.0	4.0	< 10.6	10.6		2	2/22/2024	75-00-3
Chloroform	< 1.0	1.0	< 4.88	4.88		2	2/22/2024	67-66-3
Chloromethane	< 4.0	4.0	< 8.28	8.28		2	2/22/2024	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/22/2024	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/22/2024	542-75-6
Cyclohexane	< 1.0	1.0	< 3.44	3.44		2	2/22/2024	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.52	8.52		2	2/22/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 4.0	4.0	< 19.8	19.8		2	2/22/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 6.99	6.99		2	2/22/2024	76-14-2
Ethanol	< 10	10	< 18.8	18.8	T4	2	2/22/2024	64-17-5
Ethyl Acetate	< 4.0	4.0	< 14.4	14.4		2	2/22/2024	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.34	4.34		2	2/22/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	Field Blank
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	02	**Matrix:**	Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
Heptane	< 1.0	1.0	< 4.10	4.10		2	2/22/2024	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21.3	21.3		2	2/22/2024	87-68-3
Hexane	< 2.0	2.0	< 7.04	7.04		2	2/22/2024	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/22/2024	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.68	8.68		2	2/22/2024	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14.4	14.4		2	2/22/2024	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.04	8.04		2	2/22/2024	108-87-2
Methylene chloride	< 4.0	4.0	< 13.9	13.9		2	2/22/2024	75-09-2
Naphthalene	< 10	10	< 52.4	52.4		2	2/22/2024	91-20-3
Nonane	< 2.0	2.0	< 10.5	10.5		2	2/22/2024	111-84-2
Octane	< 2.0	2.0	< 9.34	9.34		2	2/22/2024	111-65-9
o-Xylene	< 1.0	1.0	< 4.34	4.34		2	2/22/2024	95-47-6
Propene (Propylene)	< 4.0	4.0	< 6.88	6.88		2	2/22/2024	115-07-1
Propylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/22/2024	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/22/2024	135-98-8
Styrene	< 1.0	1.0	< 4.26	4.26		2	2/22/2024	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/22/2024	98-06-6
Tetrachloroethene	< 2.0	2.0	< 13.6	13.6		2	2/22/2024	127-18-4
Tetrahydrofuran	< 10	10	< 29.5	29.5	L5	2	2/22/2024	109-99-9
Toluene	< 10	10	< 37.7	37.7		2	2/22/2024	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/22/2024	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/22/2024	542-75-6
Trichloroethene	< 1.0	1.0	< 5.37	5.37		2	2/22/2024	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.62	5.62		2	2/22/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.66	7.66		2	2/22/2024	76-13-1
Vinyl acetate	< 4.0	4.0	< 14.1	14.1		2	2/22/2024	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.56	2.56		2	2/22/2024	75-01-4
Surr: 4-Bromofluorobenzene	98.8	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Difluoroethane	< 20	20	ppbv		T4	2	2/22/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-1
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/23/2024	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/23/2024	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 20	20	< 98.4	98.4		20	2/23/2024	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 20	20	< 120	120		20	2/23/2024	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/23/2024	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 20	20	< 98.4	98.4		20	2/23/2024	108-67-8
1,3-Butadiene	< 40	40	< 88.4	88.4		20	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 20	20	< 120	120		20	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 20	20	< 120	120		20	2/23/2024	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**76**	**10**	**354**	**46.6**		20	2/23/2024	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/23/2024	78-93-3
2-Hexanone	< 100	100	< 410	410	L5	20	2/23/2024	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/23/2024	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/23/2024	108-10-1
Acetone	< 100	100	< 238	238		20	2/23/2024	67-64-1
Allyl chloride	< 40	40	< 125	125		20	2/23/2024	107-05-1
Benzene	< 10	10	< 31.9	31.9		20	2/23/2024	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/23/2024	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/23/2024	593-60-2
Bromoform	< 10	10	< 103	103		20	2/23/2024	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/23/2024	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/23/2024	104-51-8
Carbon disulfide	< 100	100	< 311	311		20	2/23/2024	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/23/2024	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/23/2024	108-90-7
Chloroethane	< 40	40	< 106	106		20	2/23/2024	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/23/2024	67-66-3
Chloromethane	< 40	40	< 82.8	82.8		20	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/23/2024	542-75-6
Cyclohexane	**86**	**10**	**295**	**34.4**		20	2/23/2024	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 40	40	< 198	198		20	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/23/2024	76-14-2
Ethanol	< 100	100	< 188	188	T4	20	2/23/2024	64-17-5
Ethyl Acetate	< 40	40	< 144	144		20	2/23/2024	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-1
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
Heptane	< 10	10	< 41.0	41.0		20	2/23/2024	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/23/2024	87-68-3
Hexane	**171**	**20**	**602**	**70.4**		20	2/23/2024	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/23/2024	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/23/2024	1634-04-4
Methylcyclohexane	< 20	20	< 80.4	80.4		20	2/23/2024	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/23/2024	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/23/2024	91-20-3
Nonane	< 20	20	< 105	105		20	2/23/2024	111-84-2
Octane	< 20	20	< 93.4	93.4		20	2/23/2024	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/23/2024	95-47-6
Propene (Propylene)	< 40	40	< 68.8	68.8		20	2/23/2024	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/23/2024	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/23/2024	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/23/2024	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/23/2024	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/23/2024	127-18-4
Tetrahydrofuran	< 100	100	< 295	295	L5	20	2/23/2024	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/23/2024	542-75-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/23/2024	76-13-1
Vinyl acetate	< 40	40	< 141	141		20	2/23/2024	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	95.9	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Isobutane	1,840	200	ppbv		T4	20	2/23/2024	
Butane	2740	200	ppbv		T4	20	2/23/2024	
Dimethy propane	284	200	ppbv		T4	20	2/23/2024	
Methyl butane	2860	200	ppbv		T4	20	2/23/2024	
Pentane	808	200	ppbv		T4	20	2/23/2024	
Dimethyl butane	670	200	ppbv		T4	20	2/23/2024	
Methyl pentane	702	200	ppbv		T4	20	2/23/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-2
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
1,1,1-Trichloroethane	< 5.0	5.0	< 27.3	27.3		10	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 34.4	34.4		10	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 5.0	5.0	< 27.3	27.3		10	2/23/2024	79-00-5
1,1-Dichloroethane	< 5.0	5.0	< 20.3	20.3		10	2/23/2024	75-34-3
1,1-Dichloroethene	< 5.0	5.0	< 19.9	19.9		10	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 20	20	< 148	148		10	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 10	10	< 49.2	49.2		10	2/23/2024	95-63-6
1,2-Dibromoethane	< 5.0	5.0	< 38.4	38.4		10	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 10	10	< 60.1	60.1		10	2/23/2024	95-50-1
1,2-Dichloroethane	< 5.0	5.0	< 20.3	20.3		10	2/23/2024	107-06-2
1,2-Dichloropropane	< 5.0	5.0	< 23.1	23.1		10	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 10	10	< 49.2	49.2		10	2/23/2024	108-67-8
1,3-Butadiene	< 20	20	< 44.2	44.2		10	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 10	10	< 60.1	60.1		10	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 10	10	< 60.1	60.1		10	2/23/2024	106-46-7
1,4-Dioxane	< 20	20	< 72.0	72.0		10	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**380**	**5.0**	**1,770**	**23.3**		10	2/23/2024	540-84-1
2-Butanone (MEK)	< 50	50	< 148	148		10	2/23/2024	78-93-3
2-Hexanone	< 50	50	< 205	205	L5	10	2/23/2024	591-78-6
2-Propanol (IPA)	< 50	50	< 123	123		10	2/23/2024	67-63-0
4-Ethyltoluene	< 10	10	< 49.2	49.2		10	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 50	50	< 205	205		10	2/23/2024	108-10-1
Acetone	**58**	**50**	**138**	**119**		10	2/23/2024	67-64-1
Allyl chloride	< 20	20	< 62.6	62.6		10	2/23/2024	107-05-1
Benzene	< 5.0	5.0	< 16.0	16.0		10	2/23/2024	71-43-2
Benzyl chloride	< 20	20	< 104	104		10	2/23/2024	100-44-7
Bromodichloromethane	< 5.0	5.0	< 33.5	33.5		10	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 21.9	21.9		10	2/23/2024	593-60-2
Bromoform	< 5.0	5.0	< 51.7	51.7		10	2/23/2024	75-25-2
Bromomethane	< 5.0	5.0	< 19.4	19.4		10	2/23/2024	74-83-9
Butyl benzene	< 10	10	< 54.9	54.9		10	2/23/2024	104-51-8
Carbon disulfide	< 50	50	< 156	156		10	2/23/2024	75-15-0
Carbon tetrachloride	< 5.0	5.0	< 31.5	31.5		10	2/23/2024	56-23-5
Chlorobenzene	< 5.0	5.0	< 23.0	23.0		10	2/23/2024	108-90-7
Chloroethane	< 20	20	< 52.8	52.8		10	2/23/2024	75-00-3
Chloroform	< 5.0	5.0	< 24.4	24.4		10	2/23/2024	67-66-3
Chloromethane	< 20	20	< 41.4	41.4		10	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 5.0	5.0	< 19.8	19.8		10	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 5.0	5.0	< 22.7	22.7		10	2/23/2024	542-75-6
Cyclohexane	**43**	**5.0**	**148**	**17.2**		10	2/23/2024	110-82-7
Dibromochloromethane	< 5.0	5.0	< 42.6	42.6		10	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	**20**	**20**	**100**	**99.0**		10	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 35.0	35.0		10	2/23/2024	76-14-2
Ethanol	**73**	**50**	**137**	**94.0**	T4	10	2/23/2024	64-17-5
Ethyl Acetate	< 20	20	< 72.0	72.0		10	2/23/2024	141-78-6
Ethylbenzene	< 5.0	5.0	< 21.7	21.7		10	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-2
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	04	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 5.0	5.0	< 20.5	20.5		10	2/23/2024	142-82-5
Hexachlorobutadiene	< 10	10	< 107	107		10	2/23/2024	87-68-3
Hexane	**27**	**10**	**94.3**	**35.2**		10	2/23/2024	110-54-3
Isopropylbenzene	< 10	10	< 49.2	49.2		10	2/23/2024	98-82-8
m&p-Xylene	< 10	10	< 43.4	43.4		10	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 20	20	< 72.2	72.2		10	2/23/2024	1634-04-4
Methylcyclohexane	**17**	**10**	**67.1**	**40.2**		10	2/23/2024	108-87-2
Methylene chloride	< 20	20	< 69.4	69.4		10	2/23/2024	75-09-2
Naphthalene	< 50	50	< 262	262		10	2/23/2024	91-20-3
Nonane	< 10	10	< 52.4	52.4		10	2/23/2024	111-84-2
Octane	< 10	10	< 46.7	46.7		10	2/23/2024	111-65-9
o-Xylene	< 5.0	5.0	< 21.7	21.7		10	2/23/2024	95-47-6
Propene (Propylene)	< 20	20	< 34.4	34.4		10	2/23/2024	115-07-1
Propylbenzene	< 10	10	< 49.2	49.2		10	2/23/2024	103-65-1
Sec-Butyl benzene	< 10	10	< 54.9	54.9		10	2/23/2024	135-98-8
Styrene	< 5.0	5.0	< 21.3	21.3		10	2/23/2024	100-42-5
Tert-Butyl benzene	< 10	10	< 54.9	54.9		10	2/23/2024	98-06-6
Tetrachloroethene	< 10	10	< 67.8	67.8		10	2/23/2024	127-18-4
Tetrahydrofuran	< 50	50	< 148	148	L5	10	2/23/2024	109-99-9
Toluene	**9.6**	**5.0**	**36.2**	**18.9**		10	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 5.0	5.0	< 19.8	19.8		10	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 5.0	5.0	< 22.7	22.7		10	2/23/2024	542-75-6
Trichloroethene	< 5.0	5.0	< 26.9	26.9		10	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 28.1	28.1		10	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 38.3	38.3		10	2/23/2024	76-13-1
Vinyl acetate	< 20	20	< 70.4	70.4		10	2/23/2024	108-05-4
Vinyl chloride	< 5.0	5.0	< 12.8	12.8		10	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	96.5	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Isobutane	178	100	ppbv		T4	10	2/23/2024	
Dimethy propane	276	100	ppbv		T4	10	2/23/2024	
Methyl butane	208	100	ppbv		T4	10	2/23/2024	
Dimethyl butane	357	100	ppbv		T4	10	2/23/2024	
Methyl pentane	116	100	ppbv		T4	10	2/23/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-3
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/22/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/22/2024	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/22/2024	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/22/2024	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/22/2024	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/22/2024	120-82-1
1,2,4-Trimethylbenzene	< 20	20	< 98.4	98.4		20	2/22/2024	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/22/2024	106-93-4
1,2-Dichlorobenzene	< 20	20	< 120	120		20	2/22/2024	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/22/2024	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/22/2024	78-87-5
1,3,5-Trimethylbenzene	< 20	20	< 98.4	98.4		20	2/22/2024	108-67-8
1,3-Butadiene	< 40	40	< 88.4	88.4		20	2/22/2024	106-99-0
1,3-Dichlorobenzene	< 20	20	< 120	120		20	2/22/2024	541-73-1
1,4-Dichlorobenzene	< 20	20	< 120	120		20	2/22/2024	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/22/2024	123-91-1
2,2,4-Trimethylpentane	**359**	**10**	**1,670**	**46.6**		20	2/22/2024	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/22/2024	78-93-3
2-Hexanone	< 100	100	< 410	410	L5	20	2/22/2024	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/22/2024	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/22/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/22/2024	108-10-1
Acetone	< 100	100	< 238	238		20	2/22/2024	67-64-1
Allyl chloride	< 40	40	< 125	125		20	2/22/2024	107-05-1
Benzene	**36**	**10**	**116**	**31.9**		20	2/22/2024	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/22/2024	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/22/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/22/2024	593-60-2
Bromoform	< 10	10	< 103	103		20	2/22/2024	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/22/2024	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/22/2024	104-51-8
Carbon disulfide	< 100	100	< 311	311		20	2/22/2024	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/22/2024	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/22/2024	108-90-7
Chloroethane	< 40	40	< 106	106		20	2/22/2024	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/22/2024	67-66-3
Chloromethane	< 40	40	< 82.8	82.8		20	2/22/2024	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/22/2024	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/22/2024	542-75-6
Cyclohexane	**59**	**10**	**204**	**34.4**		20	2/22/2024	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/22/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 40	40	< 198	198		20	2/22/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/22/2024	76-14-2
Ethanol	< 100	100	< 188	188	T4	20	2/22/2024	64-17-5
Ethyl Acetate	< 40	40	< 144	144		20	2/22/2024	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/22/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-3
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	05	**Matrix:**	Soil Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: YM	
Heptane	< 10	10	< 41.0	41.0		20	2/22/2024	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/22/2024	87-68-3
Hexane	**26**	**20**	**90.8**	**70.4**		20	2/22/2024	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/22/2024	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/22/2024	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/22/2024	1634-04-4
Methylcyclohexane	< 20	20	< 80.4	80.4		20	2/22/2024	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/22/2024	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/22/2024	91-20-3
Nonane	< 20	20	< 105	105		20	2/22/2024	111-84-2
Octane	< 20	20	< 93.4	93.4		20	2/22/2024	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/22/2024	95-47-6
Propene (Propylene)	< 40	40	< 68.8	68.8		20	2/22/2024	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/22/2024	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/22/2024	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/22/2024	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/22/2024	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/22/2024	127-18-4
Tetrahydrofuran	< 100	100	< 295	295	L5	20	2/22/2024	109-99-9
Toluene	**84**	**10**	**317**	**37.7**		20	2/22/2024	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/22/2024	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/22/2024	542-75-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/22/2024	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/22/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/22/2024	76-13-1
Vinyl acetate	< 40	40	< 141	141		20	2/22/2024	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/22/2024	75-01-4
Surr: 4-Bromofluorobenzene	9.6	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Isobutane	230	200	ppbv		T4	20	2/22/2024	
Dimethylpropane	260	200	ppbv		T4	20	2/22/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-4
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 2,000	2,000	< 10,900	10,900		4,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 2,000	2,000	< 13,700	13,700		4,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 2,000	2,000	< 10,900	10,900		4,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 2,000	2,000	< 8,100	8,100		4,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 2,000	2,000	< 7,940	7,940		4,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 8,000	8,000	< 59,400	59,400		4,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 2,000	2,000	< 15,400	15,400		4,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 2,000	2,000	< 8,100	8,100		4,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 2,000	2,000	< 9,240	9,240		4,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	108-67-8
1,3-Butadiene	< 8,000	8,000	< 17,700	17,700		4,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/23/2024	106-46-7
1,4-Dioxane	< 8,000	8,000	< 28,800	28,800		4,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**8,120**	**2,000**	**37,800**	**9,320**		4,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 20,000	20,000	< 59,000	59,000		4,000	2/23/2024	78-93-3
2-Hexanone	< 20,000	20,000	< 82,000	82,000	L5	4,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 20,000	20,000	< 49,000	49,000		4,000	2/23/2024	67-63-0
4-Ethyltoluene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 20,000	20,000	< 82,000	82,000		4,000	2/23/2024	108-10-1
Acetone	< 20,000	20,000	< 47,600	47,600		4,000	2/23/2024	67-64-1
Allyl chloride	< 8,000	8,000	< 25,000	25,000		4,000	2/23/2024	107-05-1
Benzene	< 2,000	2,000	< 6,380	6,380		4,000	2/23/2024	71-43-2
Benzyl chloride	< 8,000	8,000	< 41,400	41,400		4,000	2/23/2024	100-44-7
Bromodichloromethane	< 2,000	2,000	< 13,400	13,400		4,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 2,000	2,000	< 8,740	8,740		4,000	2/23/2024	593-60-2
Bromoform	< 2,000	2,000	< 20,700	10,700		4,000	2/23/2024	75-25-2
Bromomethane	< 2,000	2,000	< 7,760	7,760		4,000	2/23/2024	74-83-9
Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/23/2024	104-51-8
Carbon disulfide	< 20,000	20,000	< 62,200	62,200		4,000	2/23/2024	75-15-0
Carbon tetrachloride	< 2,000	2,000	< 12,600	12,600		4,000	2/23/2024	56-23-5
Chlorobenzene	< 2,000	2,000	< 9,200	9,200		4,000	2/23/2024	108-90-7
Chloroethane	< 8,000	8,000	< 21,100	21,100		4,000	2/23/2024	75-00-3
Chloroform	< 2,000	2,000	< 9,760	9,760		4,000	2/23/2024	67-66-3
Chloromethane	< 8,000	8,000	< 16,560	16,600		4,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 2,000	2,000	< 7,920	16,600		4,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 2,000	2,000	< 9,080	9,080		4,000	2/23/2024	542-75-6
Cyclohexane	**25,500**	**2,000**	**87,700**	**6,880**		4,000	2/23/2024	110-82-7
Dibromochloromethane	< 2,000	2,000	< 17,000	17,000		4,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 8,000	8,000	< 39,600	39,600		4,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,000	2,000	< 14,000	14,000		4,000	2/23/2024	76-14-2
Ethanol	< 20,000	20,000	< 37,600	37,600	T4	4,000	2/23/2024	64-17-5
Ethyl Acetate	< 8,000	8,000	< 28,800	28,800		4,000	2/23/2024	141-78-6
Ethylbenzene	< 2,000	2,000	< 8,680	8,680		4,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-4
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 2,000	2,000	< 8,200	8,200		4,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 4,000	4,000	< 42,700	42,700		4,000	2/23/2024	87-68-3
Hexane	**8,800**	**4,000**	**31,000**	**14,100**		4,000	2/23/2024	110-54-3
Isopropylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	98-82-8
m&p-Xylene	< 4,000	4,000	< 17,400	17,400		4,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 8,000	8,000	< 28,900	28,900		4,000	2/23/2024	1634-04-4
Methylcyclohexane	< 4,000	4,000	< 16,100	16,100		4,000	2/23/2024	108-87-2
Methylene chloride	< 8,000	8,000	< 27,800	27,800		4,000	2/23/2024	75-09-2
Naphthalene	< 20,000	20,000	< 105,000	105,000		4,000	2/23/2024	91-20-3
Nonane	< 4,000	4,000	< 21,000	21,000		4,000	2/23/2024	111-84-2
Octane	< 4,000	4,000	< 18,700	18,700		4,000	2/23/2024	111-65-9
o-Xylene	< 2,000	2,000	< 8,680	8,680		4,000	2/23/2024	95-47-6
Propene (Propylene)	< 8,000	8,000	< 13,800	13,800		4,000	2/23/2024	115-07-1
Propylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/23/2024	135-98-8
Styrene	< 2,000	2,000	< 8,520	8,520		4,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/23/2024	98-06-6
Tetrachloroethene	< 4,000	4,000	< 27,100	27,100		4,000	2/23/2024	127-18-4
Tetrahydrofuran	< 20,000	20,000	< 59,000	59,000	L5	4,000	2/23/2024	109-99-9
Toluene	< 2,000	2,000	< 7,540	7,540		4,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 2,000	2,000	< 7,920	7,920		4,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 2,000	2,000	< 9,080	9,080		4,000	2/23/2024	542-75-6
Trichloroethene	< 2,000	2,000	< 10,700	10,700		4,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 2,000	2,000	< 11,200	11,200		4,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,000	2,000	< 15,300	15,300		4,000	2/23/2024	76-13-1
Vinyl acetate	< 8,000	8,000	< 28,200	28,200		4,000	2/23/2024	108-05-4
Vinyl chloride	< 2,000	2,000	< 5,120	5,120		4,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	98.4	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	180,000	40,000	ppbv	T4	4000	2/23/2024
Butane	500,000	40000	ppbv	T4	4000	2/23/2024
Methyl butane	291,000	40000	ppbv	T4	4000	2/23/2024
Pentane	83,200	40000	ppbv	T4	4000	2/23/2024
Methyl pentane	65,200	40000	ppbv	T4	4000	2/23/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-5
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 4,000	4,000	< 27,500	27,500		8,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 4,000	4,000	< 15,900	15,900		8,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 16,000	16,000	< 119,000	119,000		8,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 4,000	4,000	< 30,700	30,700		8,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 4,000	4,000	< 18,500	18,500		8,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	108-67-8
1,3-Butadiene	< 16,000	16,000	< 35,400	35,400		8,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	106-46-7
1,4-Dioxane	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**15,200**	**4,000**	**70,800**	**18,600**		8,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	78-93-3
2-Hexanone	< 40,000	40,000	< 164,000	164,000	L5	8,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 40,000	40,000	< 98,000	98,000		8,000	2/23/2024	67-63-0
4-Ethyltoluene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 40,000	40,000	< 164,000	164,000		8,000	2/23/2024	108-10-1
Acetone	< 40,000	40,000	< 95,200	95,200		8,000	2/23/2024	67-64-1
Allyl chloride	< 16,000	16,000	< 50,100	50,100		8,000	2/23/2024	107-05-1
Benzene	< 4,000	4,000	< 12,800	12,800		8,000	2/23/2024	71-43-2
Benzyl chloride	< 16,000	16,000	< 82,900	82,900		8,000	2/23/2024	100-44-7
Bromodichloromethane	< 4,000	4,000	< 26,800	26,800		8,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 4,000	4,000	< 17,500	17,500		8,000	2/23/2024	593-60-2
Bromoform	< 4,000	4,000	< 41,400	41,400		8,000	2/23/2024	75-25-2
Bromomethane	< 4,000	4,000	< 15,500	15,500		8,000	2/23/2024	74-83-9
Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	104-51-8
Carbon disulfide	< 40,000	40,000	< 124,000	124,000		8,000	2/23/2024	75-15-0
Carbon tetrachloride	< 4,000	4,000	< 25,200	25,200		8,000	2/23/2024	56-23-5
Chlorobenzene	< 4,000	4,000	< 18,400	18,400		8,000	2/23/2024	108-90-7
Chloroethane	< 16,000	16,000	< 42,200	42,200		8,000	2/23/2024	75-00-3
Chloroform	< 4,000	4,000	< 19,500	19,500		8,000	2/23/2024	67-66-3
Chloromethane	< 16,000	16,000	< 33,100	33,100		8,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Cyclohexane	**54,200**	**4,000**	**186,000**	**13,800**		8,000	2/23/2024	110-82-7
Dibromochloromethane	< 4,000	4,000	< 34,100	34,100		8,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 16,000	16,000	< 79,200	79,200		8,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 4,000	4,000	< 28,000	28,000		8,000	2/23/2024	76-14-2
Ethanol	< 40,000	40,000	< 75,200	75,200	T4	8,000	2/23/2024	64-17-5
Ethyl Acetate	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	141-78-6
Ethylbenzene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-5
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 4,000	4,000	< 16,400	16,400		8,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 8,000	8,000	< 85,400	85,400		8,000	2/23/2024	87-68-3
Hexane	**25,400**	**8,000**	**89,400**	**28,200**		8,000	2/23/2024	110-54-3
Isopropylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	98-82-8
m&p-Xylene	< 8,000	8,000	< 34,700	34,700		8,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 16,000	16,000	< 57,800	57,800		8,000	2/23/2024	1634-04-4
Methylcyclohexane	**8,080**	**8,000**	**32,500**	**32,200**		8,000	2/23/2024	108-87-2
Methylene chloride	< 16,000	16,000	< 55,500	55,500		8,000	2/23/2024	75-09-2
Naphthalene	< 40,000	40,000	< 210,000	210,000		8,000	2/23/2024	91-20-3
Nonane	< 8,000	8,000	< 41,900	41,900		8,000	2/23/2024	111-84-2
Octane	< 8,000	8,000	< 37,400	37,400		8,000	2/23/2024	111-65-9
o-Xylene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	95-47-6
Propene (Propylene)	< 16,000	16,000	< 27,500	27,500		8,000	2/23/2024	115-07-1
Propylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	135-98-8
Styrene	< 4,000	4,000	< 17,000	17,000		8,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	98-06-6
Tetrachloroethene	< 8,000	8,000	< 54,200	54,200		8,000	2/23/2024	127-18-4
Tetrahydrofuran	< 40,000	40,000	< 118,000	118,000	L5	8,000	2/23/2024	109-99-9
Toluene	< 4,000	4,000	< 15,100	15,100		8,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Trichloroethene	< 4,000	4,000	< 21,500	21,500		8,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 4,000	4,000	< 22,500	22,500		8,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 4,000	4,000	< 30,600	30,600		8,000	2/23/2024	76-13-1
Vinyl acetate	< 16,000	16,000	< 56,300	56,300		8,000	2/23/2024	108-05-4
Vinyl chloride	< 4,000	4,000	< 10,200	10,200		8,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	97.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	270,000	80,000	ppbv		T4	8000	2/23/2024
Butane	896,000	80000	ppbv		T4	8000	2/23/2024
Methyl butane	477,000	80000	ppbv		T4	8000	2/23/2024
Pentane	155,000	80000	ppbv		T4	8000	2/23/2024
Methyl pentane	119,000	80000	ppbv		T4	8000	2/23/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-6
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 4,000	4,000	< 27,500	27,500		8,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 4,000	4,000	< 15,900	15,900		8,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 16,000	16,000	< 119,000	119,000		8,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 4,000	4,000	< 30,700	30,700		8,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 4,000	4,000	< 18,500	18,500		8,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	108-67-8
1,3-Butadiene	< 16,000	16,000	< 35,400	35,400		8,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	106-46-7
1,4-Dioxane	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**16,600**	**4,000**	**77,400**	**18,700**		8,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	78-93-3
2-Hexanone	< 40,000	40,000	< 164,000	164,000	L5	8,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 40,000	40,000	< 98,000	98,000		8,000	2/23/2024	67-63-0
4-Ethyltoluene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 40,000	40,000	< 164,000	164,000		8,000	2/23/2024	108-10-1
Acetone	< 40,000	40,000	< 95,200	95,200		8,000	2/23/2024	67-64-1
Allyl chloride	< 16,000	16,000	< 50,100	50,100		8,000	2/23/2024	107-05-1
Benzene	< 4,000	4,000	< 12,800	12,800		8,000	2/23/2024	71-43-2
Benzyl chloride	< 16,000	16,000	< 82,900	82,900		8,000	2/23/2024	100-44-7
Bromodichloromethane	< 4,000	4,000	< 26,800	26,800		8,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 4,000	4,000	< 17,500	17,500		8,000	2/23/2024	593-60-2
Bromoform	< 4,000	4,000	< 41,400	41,400		8,000	2/23/2024	75-25-2
Bromomethane	< 4,000	4,000	< 15,500	15,500		8,000	2/23/2024	74-83-9
Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	104-51-8
Carbon disulfide	< 40,000	40,000	< 124,000	124,000		8,000	2/23/2024	75-15-0
Carbon tetrachloride	< 4,000	4,000	< 25,200	25,200		8,000	2/23/2024	56-23-5
Chlorobenzene	< 4,000	4,000	< 18,400	18,400		8,000	2/23/2024	108-90-7
Chloroethane	< 16,000	16,000	< 42,200	42,200		8,000	2/23/2024	75-00-3
Chloroform	< 4,000	4,000	< 19,500	19,500		8,000	2/23/2024	67-66-3
Chloromethane	< 16,000	16,000	< 33,100	33,100		8,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Cyclohexane	**65,000**	**4,000**	**22,400**	**13,800**		8,000	2/23/2024	110-82-7
Dibromochloromethane	< 4,000	4,000	< 34,100	34,100		8,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 16,000	16,000	< 79,200	79,200		8,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 4,000	4,000	< 28,000	28,000		8,000	2/23/2024	76-14-2
Ethanol	< 40,000	40,000	< 75,200	75,200	T4	8,000	2/23/2024	64-17-5
Ethyl Acetate	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	141-78-6
Ethylbenzene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-6
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/19/2024
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 4,000	4,000	< 16,400	16,400		8,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 8,000	8,000	< 85,400	85,400		8,000	2/23/2024	87-68-3
Hexane	**43,400**	**8,000**	**153,000**	**28,200**		8,000	2/23/2024	110-54-3
Isopropylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	98-82-8
m&p-Xylene	< 8,000	8,000	< 34,700	34,700		8,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 16,000	16,000	< 57,800	57,800		8,000	2/23/2024	1634-04-4
Methylcyclohexane	**11,000**	**8,000**	**44,200**	**32,200**		8,000	2/23/2024	108-87-2
Methylene chloride	< 16,000	16,000	< 55,500	55,500		8,000	2/23/2024	75-09-2
Naphthalene	< 40,000	40,000	< 210,000	210,000		8,000	2/23/2024	91-20-3
Nonane	< 8,000	8,000	< 41,900	41,900		8,000	2/23/2024	111-84-2
Octane	< 8,000	8,000	< 37,400	37,400		8,000	2/23/2024	111-65-9
o-Xylene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	95-47-6
Propene (Propylene)	< 16,000	16,000	< 27,500	27,500		8,000	2/23/2024	115-07-1
Propylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	135-98-8
Styrene	< 4,000	4,000	< 17,000	17,000		8,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	98-06-6
Tetrachloroethene	< 8,000	8,000	< 54,200	54,200		8,000	2/23/2024	127-18-4
Tetrahydrofuran	< 40,000	40,000	< 118,000	118,000	L5	8,000	2/23/2024	109-99-9
Toluene	< 4,000	4,000	< 15,100	15,100		8,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Trichloroethene	< 4,000	4,000	< 21,500	21,500		8,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 4,000	4,000	< 22,500	22,500		8,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 4,000	4,000	< 30,600	30,600		8,000	2/23/2024	76-13-1
Vinyl acetate	< 16,000	16,000	< 56,300	56,300		8,000	2/23/2024	108-05-4
Vinyl chloride	< 4,000	4,000	< 10,200	10,200		8,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Propane	83,100	80,000	ppbv	T4	8000	2/23/2024	
Isobutane	326,000	80,000	ppbv	T4	8000	2/23/2024	
Butane	1,100,000	80000	ppbv	T4	8000	2/23/2024	
Methyl butane	619,000	80000	ppbv	T4	8000	2/23/2024	
Pentane	242,000	80000	ppbv	T4	8000	2/23/2024	
Methyl pentane	153,000	80000	ppbv	T4	8000	2/23/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-7
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 4,000	4,000	< 27,500	27,500		8,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 4,000	4,000	< 15,900	15,900		8,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 16,000	16,000	< 119,000	119,000		8,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 4,000	4,000	< 30,700	30,700		8,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 4,000	4,000	< 18,500	18,500		8,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	108-67-8
1,3-Butadiene	< 16,000	16,000	< 35,400	35,400		8,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	106-46-7
1,4-Dioxane	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**12,600**	**4,000**	**58,700**	**18,600**		8,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	78-93-3
2-Hexanone	< 40,000	40,000	< 164,000	164,000	L5	8,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 40,000	40,000	< 98,000	98,000		8,000	2/23/2024	67-63-0
4-Ethyltoluene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 40,000	40,000	< 164,000	164,000		8,000	2/23/2024	108-10-1
Acetone	< 40,000	40,000	< 95,200	95,200		8,000	2/23/2024	67-64-1
Allyl chloride	< 16,000	16,000	< 50,100	50,100		8,000	2/23/2024	107-05-1
Benzene	< 4,000	4,000	< 12,800	12,800		8,000	2/23/2024	71-43-2
Benzyl chloride	< 16,000	16,000	< 82,900	82,900		8,000	2/23/2024	100-44-7
Bromodichloromethane	< 4,000	4,000	< 26,800	26,800		8,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 4,000	4,000	< 17,500	17,500		8,000	2/23/2024	593-60-2
Bromoform	< 4,000	4,000	< 41,400	41,400		8,000	2/23/2024	75-25-2
Bromomethane	< 4,000	4,000	< 15,500	15,500		8,000	2/23/2024	74-83-9
Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	104-51-8
Carbon disulfide	< 40,000	40,000	< 124,000	124,000		8,000	2/23/2024	75-15-0
Carbon tetrachloride	< 4,000	4,000	< 25,200	25,200		8,000	2/23/2024	56-23-5
Chlorobenzene	< 4,000	4,000	< 18,400	18,400		8,000	2/23/2024	108-90-7
Chloroethane	< 16,000	16,000	< 42,200	42,200		8,000	2/23/2024	75-00-3
Chloroform	< 4,000	4,000	< 19,500	19,500		8,000	2/23/2024	67-66-3
Chloromethane	< 16,000	16,000	< 33,100	33,100		8,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Cyclohexane	**33,600**	**4,000**	**116,000**	**13,800**		8,000	2/23/2024	110-82-7
Dibromochloromethane	< 4,000	4,000	< 34,100	34,100		8,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 16,000	16,000	< 79,200	79,200		8,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 4,000	4,000	< 28,000	28,000		8,000	2/23/2024	76-14-2
Ethanol	< 40,000	40,000	< 75,200	75,200	T4	8,000	2/23/2024	64-17-5
Ethyl Acetate	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	141-78-6
Ethylbenzene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-7
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	09	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 4,000	4,000	< 16,400	16,400		8,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 8,000	8,000	< 85,400	85,400		8,000	2/23/2024	87-68-3
Hexane	< 8,000	8,000	< 28,200	28,200		8,000	2/23/2024	110-54-3
Isopropylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	98-82-8
m&p-Xylene	< 8,000	8,000	< 34,700	34,700		8,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 16,000	16,000	< 57,800	57,800		8,000	2/23/2024	1634-04-4
Methylcyclohexane	< 8,000	8,000	< 32,200	32,200		8,000	2/23/2024	108-87-2
Methylene chloride	< 16,000	16,000	< 55,500	55,500		8,000	2/23/2024	75-09-2
Naphthalene	< 40,000	40,000	< 210,000	210,000		8,000	2/23/2024	91-20-3
Nonane	< 8,000	8,000	< 41,900	41,900		8,000	2/23/2024	111-84-2
Octane	< 8,000	8,000	< 37,400	37,400		8,000	2/23/2024	111-65-9
o-Xylene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	95-47-6
Propene (Propylene)	< 16,000	16,000	< 27,500	27,500		8,000	2/23/2024	115-07-1
Propylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	135-98-8
Styrene	< 4,000	4,000	< 17,000	17,000		8,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	98-06-6
Tetrachloroethene	< 8,000	8,000	< 54,200	54,200		8,000	2/23/2024	127-18-4
Tetrahydrofuran	< 40,000	40,000	< 118,000	118,000	L5	8,000	2/23/2024	109-99-9
Toluene	< 4,000	4,000	< 15,100	15,100		8,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Trichloroethene	< 4,000	4,000	< 21,500	21,500		8,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 4,000	4,000	< 22,500	22,500		8,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 4,000	4,000	< 30,600	30,600		8,000	2/23/2024	76-13-1
Vinyl acetate	< 16,000	16,000	< 56,300	56,300		8,000	2/23/2024	108-05-4
Vinyl chloride	< 4,000	4,000	< 10,200	10,200		8,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	98.7	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Propane	84,800	80,000	ppbv		T4	8000	2/23/2024
Isobutane	414,000	80,000	ppbv		T4	8000	2/23/2024
Butane	1,010,000	80000	ppbv		T4	8000	2/23/2024
Methyl butane	681,000	80000	ppbv		T4	8000	2/23/2024
Methyl pentane	170,000	80000	ppbv		T4	8000	2/23/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-8
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 4,000	4,000	< 27,500	27,500		8,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 4,000	4,000	< 15,900	15,900		8,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 16,000	16,000	< 119,000	119,000		8,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 4,000	4,000	< 30,700	30,700		8,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 4,000	4,000	< 18,500	18,500		8,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	108-67-8
1,3-Butadiene	< 16,000	16,000	< 35,400	35,400		8,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	106-46-7
1,4-Dioxane	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**31,000**	**4,000**	**144,000**	**18,600**		8,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	78-93-3
2-Hexanone	< 40,000	40,000	< 164,000	164,000	L5	8,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 40,000	40,000	< 98,000	98,000		8,000	2/23/2024	67-63-0
4-Ethyltoluene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 40,000	40,000	< 164,000	164,000		8,000	2/23/2024	108-10-1
Acetone	< 40,000	40,000	< 95,200	95,200		8,000	2/23/2024	67-64-1
Allyl chloride	< 16,000	16,000	< 50,100	50,100		8,000	2/23/2024	107-05-1
Benzene	< 4,000	4,000	< 12,800	12,800		8,000	2/23/2024	71-43-2
Benzyl chloride	< 16,000	16,000	< 82,900	82,900		8,000	2/23/2024	100-44-7
Bromodichloromethane	< 4,000	4,000	< 26,800	26,800		8,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 4,000	4,000	< 17,500	17,500		8,000	2/23/2024	593-60-2
Bromoform	< 4,000	4,000	< 41,400	41,400		8,000	2/23/2024	75-25-2
Bromomethane	< 4,000	4,000	< 15,500	15,500		8,000	2/23/2024	74-83-9
Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	104-51-8
Carbon disulfide	< 40,000	40,000	< 124,000	124,000		8,000	2/23/2024	75-15-0
Carbon tetrachloride	< 4,000	4,000	< 25,200	25,200		8,000	2/23/2024	56-23-5
Chlorobenzene	< 4,000	4,000	< 18,400	18,400		8,000	2/23/2024	108-90-7
Chloroethane	< 16,000	16,000	< 42,200	42,200		8,000	2/23/2024	75-00-3
Chloroform	< 4,000	4,000	< 19,500	19,500		8,000	2/23/2024	67-66-3
Chloromethane	< 16,000	16,000	< 33,100	33,100		8,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Cyclohexane	**75,300**	**4,000**	**259,000**	**13,800**		8,000	2/23/2024	110-82-7
Dibromochloromethane	< 4,000	4,000	< 34,080	34,080		8,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 16,000	16,000	< 79,200	79,200		8,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 4,000	4,000	< 28,000	28,000		8,000	2/23/2024	76-14-2
Ethanol	**73,000**	**40,000**	**137,000**	**75,200**	T4	8,000	2/23/2024	64-17-5
Ethyl Acetate	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	141-78-6
Ethylbenzene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-8
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	10	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 4,000	4,000	< 16,400	16,400		8,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 8,000	8,000	< 85,400	85,400		8,000	2/23/2024	87-68-3
Hexane	**8,640**	**8,000**	**30,400**	**28,200**		8,000	2/23/2024	110-54-3
Isopropylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	98-82-8
m&p-Xylene	< 8,000	8,000	< 34,700	34,700		8,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 16,000	16,000	< 57,800	57,800		8,000	2/23/2024	1634-04-4
Methylcyclohexane	**14,100**	**8,000**	**56,700**	**32,200**		8,000	2/23/2024	108-87-2
Methylene chloride	< 16,000	16,000	< 55,500	55,500		8,000	2/23/2024	75-09-2
Naphthalene	< 40,000	40,000	< 210,000	210,000		8,000	2/23/2024	91-20-3
Nonane	< 8,000	8,000	< 41,900	41,900		8,000	2/23/2024	111-84-2
Octane	< 8,000	8,000	< 37,400	37,400		8,000	2/23/2024	111-65-9
o-Xylene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	95-47-6
Propene (Propylene)	< 16,000	16,000	< 27,500	27,500		8,000	2/23/2024	115-07-1
Propylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	135-98-8
Styrene	< 4,000	4,000	< 17,000	17,000		8,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	98-06-6
Tetrachloroethene	< 8,000	8,000	< 54,200	54,200		8,000	2/23/2024	127-18-4
Tetrahydrofuran	< 40,000	40,000	< 118,000	118,000	L5	8,000	2/23/2024	109-99-9
Toluene	< 4,000	4,000	< 15,100	15,100		8,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Trichloroethene	< 4,000	4,000	< 21,500	21,500		8,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 4,000	4,000	< 22,500	22,500		8,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 4,000	4,000	< 30,600	30,600		8,000	2/23/2024	76-13-1
Vinyl acetate	< 16,000	16,000	< 56,300	56,300		8,000	2/23/2024	108-05-4
Vinyl chloride	< 4,000	4,000	< 10,200	10,200		8,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	97.3	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Propane	70,400	80,000	ppbv		T4	8000	2/23/2024
Isobutane	353,000	80,000	ppbv		T4	8000	2/23/2024
Butane	1,000,000	80000	ppbv		T4	8000	2/23/2024
Methyl butane	725,000	80000	ppbv		T4	8000	2/23/2024
Pentane	87,200	80000	ppbv		T4	8000	2/23/2024
Methyl pentane	221,000	80000	ppbv		T4	8000	2/23/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-9
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 10,000	10,000	< 54,600	54,600		20,000	2/24/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 10,000	10,000	< 68,700	68,700		20,000	2/24/2024	79-34-5
1,1,2-Trichloroethane	< 10,000	10,000	< 54,600	54,600		20,000	2/24/2024	79-00-5
1,1-Dichloroethane	< 10,000	10,000	< 40,500	40,500		20,000	2/24/2024	75-34-3
1,1-Dichloroethene	< 10,000	10,000	< 39,700	39,700		20,000	2/24/2024	75-35-4
1,2,4-Trichlorobenzene	< 40,000	40,000	< 297,000	297,000		20,000	2/24/2024	120-82-1
1,2,4-Trimethylbenzene	< 20,000	20,000	< 98,400	98,400		20,000	2/24/2024	95-63-6
1,2-Dibromoethane	< 10,000	10,000	< 76,800	76,800		20,000	2/24/2024	106-93-4
1,2-Dichlorobenzene	< 20,000	20,000	< 120,200	120,200		20,000	2/24/2024	95-50-1
1,2-Dichloroethane	< 10,000	10,000	< 40,500	40,500		20,000	2/24/2024	107-06-2
1,2-Dichloropropane	< 10,000	10,000	< 46,200	46,200		20,000	2/24/2024	78-87-5
1,3,5-Trimethylbenzene	< 20,000	20,000	< 98,400	98,400		20,000	2/24/2024	108-67-8
1,3-Butadiene	< 40,000	40,000	< 88,400	88,400		20,000	2/24/2024	106-99-0
1,3-Dichlorobenzene	< 20,000	20,000	< 120,200	120,200		20,000	2/24/2024	541-73-1
1,4-Dichlorobenzene	< 20,000	20,000	< 120,200	120,200		20,000	2/24/2024	106-46-7
1,4-Dioxane	< 40,000	40,000	< 144,000	144,000		20,000	2/24/2024	123-91-1
2,2,4-Trimethylpentane	**245,000**	**10,000**	**1,140,000**	**46,600**		20,000	2/24/2024	540-84-1
2-Butanone (MEK)	< 100,000	100,000	< 295,000	295,000		20,000	2/24/2024	78-93-3
2-Hexanone	< 100,000	100,000	< 410,000	410,000	L5	20,000	2/24/2024	591-78-6
2-Propanol (IPA)	< 100,000	100,000	< 245,000	245,000		20,000	2/24/2024	67-63-0
4-Ethyltoluene	< 20,000	20,000	< 98,400	98,400		20,000	2/24/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 100,000	100,000	< 410,000	410,000		20,000	2/24/2024	108-10-1
Acetone	< 100,000	100,000	< 238,000	238,000		20,000	2/24/2024	67-64-1
Allyl chloride	< 40,000	40,000	< 125,000	125,000		20,000	2/24/2024	107-05-1
Benzene	< 10,000	10,000	< 31,900	31,900		20,000	2/24/2024	71-43-2
Benzyl chloride	< 40,000	40,000	< 207,000	207,000		20,000	2/24/2024	100-44-7
Bromodichloromethane	< 10,000	10,000	< 67,000	67,000		20,000	2/24/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 10,000	10,000	< 43,700	43,700		20,000	2/24/2024	593-60-2
Bromoform	< 10,000	10,000	< 103,000	103,000		20,000	2/24/2024	75-25-2
Bromomethane	< 10,000	10,000	< 38,800	38,800		20,000	2/24/2024	74-83-9
Butyl benzene	< 20,000	20,000	< 110,000	110,000		20,000	2/24/2024	104-51-8
Carbon disulfide	< 100,000	100,000	< 311,000	311,000		20,000	2/24/2024	75-15-0
Carbon tetrachloride	< 10,000	10,000	< 62,900	62,900		20,000	2/24/2024	56-23-5
Chlorobenzene	< 10,000	10,000	< 46,000	46,000		20,000	2/24/2024	108-90-7
Chloroethane	< 40,000	40,000	< 106,000	106,000		20,000	2/24/2024	75-00-3
Chloroform	< 10,000	10,000	< 48,800	48,800		20,000	2/24/2024	67-66-3
Chloromethane	< 40,000	40,000	< 82,800	82,800		20,000	2/24/2024	74-87-3
cis-1,2-Dichloroethene	< 10,000	10,000	< 39,600	39,600		20,000	2/24/2024	156-59-2
cis-1,3-Dichloropropene	< 10,000	10,000	< 45,400	45,400		20,000	2/24/2024	542-75-6
Cyclohexane	**573,000**	**10,000**	**1,970,000**	**34,400**		20,000	2/24/2024	110-82-7
Dibromochloromethane	< 10,000	10,000	< 85,200	85,200		20,000	2/24/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 40,000	40,000	< 198,000	198,000		20,000	2/24/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10,000	10,000	< 69,900	69,900		20,000	2/24/2024	76-14-2
Ethanol	< 100,000	100,000	< 188,000	188,000	T4	20,000	2/24/2024	64-17-5
Ethyl Acetate	< 40,000	40,000	< 144,000	144,000		20,000	2/24/2024	141-78-6
Ethylbenzene	< 10,000	10,000	< 43,400	43,400		20,000	2/24/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-9
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	11	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	**17,600**	**10,000**	**72,200**	**41,000**		20,000	2/24/2024	142-82-5
Hexachlorobutadiene	< 20,000	20,000	< 213,400	213,400		20,000	2/24/2024	87-68-3
Hexane	**259,000**	**20,000**	**912,000**	**70,400**		20,000	2/24/2024	110-54-3
Isopropylbenzene	< 20,000	20,000	< 98,400	98,400		20,000	2/24/2024	98-82-8
m&p-Xylene	< 20,000	20,000	< 86,800	86,800		20,000	2/24/2024	179601-23-1
Methyl tert-butyl ether	< 40,000	40,000	< 144,000	144,000		20,000	2/24/2024	1634-04-4
Methylcyclohexane	**111,000**	**20,000**	**446,000**	**80,400**		20,000	2/24/2024	108-87-2
Methylene chloride	< 40,000	40,000	< 139,000	139,000		20,000	2/24/2024	75-09-2
Naphthalene	< 100,000	100,000	< 524,000	524,000		20,000	2/24/2024	91-20-3
Nonane	< 20,000	20,000	< 105,000	105,000		20,000	2/24/2024	111-84-2
Octane	< 20,000	20,000	< 93,400	93,400		20,000	2/24/2024	111-65-9
o-Xylene	< 10,000	10,000	< 43,400	43,400		20,000	2/24/2024	95-47-6
Propene (Propylene)	< 40,000	40,000	< 68,800	68,800		20,000	2/24/2024	115-07-1
Propylbenzene	< 20,000	20,000	< 98,400	98,400		20,000	2/24/2024	103-65-1
Sec-Butyl benzene	< 20,000	20,000	< 109,800	109,800		20,000	2/24/2024	135-98-8
Styrene	< 10,000	10,000	< 42,600	42,600		20,000	2/24/2024	100-42-5
Tert-Butyl benzene	< 20,000	20,000	< 110,000	110,000		20,000	2/24/2024	98-06-6
Tetrachloroethene	< 20,000	20,000	< 136,000	136,000		20,000	2/24/2024	127-18-4
Tetrahydrofuran	< 100,000	100,000	< 295,000	295,000		20,000	2/24/2024	109-99-9
Toluene	< 10,000	10,000	< 37,700	37,700		20,000	2/24/2024	108-88-3
trans-1,2-Dichloroethene	< 10,000	10,000	< 39,600	39,600		20,000	2/24/2024	156-60-5
trans-1,3-Dichloropropene	< 10,000	10,000	< 45,400	45,400		20,000	2/24/2024	542-75-6
Trichloroethene	< 10,000	10,000	< 53,700	53,700		20,000	2/24/2024	79-01-6
Trichlorofluoromethane(F-11)	< 10,000	10,000	< 56,200	56,200		20,000	2/24/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 10,000	10,000	< 76,600	76,600		20,000	2/24/2024	76-13-1
Vinyl acetate	< 40,000	40,000	< 141,000	141,000		20,000	2/24/2024	108-05-4
Vinyl chloride	< 10,000	10,000	< 25,600	25,600		20,000	2/24/2024	75-01-4
Surr: 4-Bromofluorobenzene	96.2	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Propane	314,000	200,000	ppbv	T4	20000	2/24/2024
Isobutane	1,520,000	200,000	ppbv	T4	20000	2/24/2024
Butane	3,700,000	200000	ppbv	T4	20000	2/24/2024
Methyl butane	2,950,000	200000	ppbv	T4	20000	2/24/2024
Pentane	770,000	200000	ppbv	T4	20000	2/24/2024
Dimethyl butane	482,000	200000	ppbv	T4	20000	2/24/2024
Methyl pentane	1,200,000	200000	ppbv	T4	20000	2/24/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-10
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	12	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 500	500	< 2,730	2,730		1,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 500	500	< 34,400	34,400		1,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 500	500	< 2,730	2,730		1,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 500	500	< 2,030	2,030		1,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 500	500	< 1,990	1,990		1,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 2,000	2,000	< 14,800	14,800		1,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 500	500	< 3,840	3,840		1,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 500	500	< 2,030	2,030		1,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 500	500	< 2,310	2,310		1,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/23/2024	108-67-8
1,3-Butadiene	< 2,000	2,000	< 4,420	4,420		1,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/23/2024	106-46-7
1,4-Dioxane	< 2,000	2,000	< 7,200	7,200		1,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**22,800**	**500**	**106,000**	**2,330**		1,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 5,000	5,000	< 14,800	14,800		1,000	2/23/2024	78-93-3
2-Hexanone	< 5,000	5,000	< 20,500	20,500	L5	1,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 5,000	5,000	< 12,300	12,300		1,000	2/23/2024	67-63-0
4-Ethyltoluene	< 1,000	1,000	< 4,920	4,920		1,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 5,000	5,000	< 20,500	20,500		1,000	2/23/2024	108-10-1
Acetone	< 5,000	5,000	< 11,900	11,900		1,000	2/23/2024	67-64-1
Allyl chloride	< 2,000	2,000	< 6,260	6,260		1,000	2/23/2024	107-05-1
Benzene	< 500	500	< 1,600	1,600		1,000	2/23/2024	71-43-2
Benzyl chloride	< 2,000	2,000	< 10,400	10,400		1,000	2/23/2024	100-44-7
Bromodichloromethane	< 500	500	< 3,350	3,350		1,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 500	500	< 2,190	2,190		1,000	2/23/2024	593-60-2
Bromoform	< 500	500	< 5,170	5,170		1,000	2/23/2024	75-25-2
Bromomethane	< 500	500	< 1,940	1,940		1,000	2/23/2024	74-83-9
Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/23/2024	104-51-8
Carbon disulfide	< 5,000	5,000	< 15,600	15,600		1,000	2/23/2024	75-15-0
Carbon tetrachloride	< 500	500	< 3,150	3,150		1,000	2/23/2024	56-23-5
Chlorobenzene	< 500	500	< 2,300	2,300		1,000	2/23/2024	108-90-7
Chloroethane	< 2,000	2,000	< 5,280	5,280		1,000	2/23/2024	75-00-3
Chloroform	< 500	500	< 2,440	2,440		1,000	2/23/2024	67-66-3
Chloromethane	< 2,000	2,000	< 4,140	4,140		1,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1,000	2/23/2024	542-75-6
Cyclohexane	**28,200**	**500**	**97,000**	**1,720**		1,000	2/23/2024	110-82-7
Dibromochloromethane	< 500	500	< 4,260	4,260		1,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 2,000	2,000	< 9,900	9,900		1,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 500	500	< 3,500	3,500		1,000	2/23/2024	76-14-2
Ethanol	< 5,000	5,000	< 9,400	9,400	T4	1,000	2/23/2024	64-17-5
Ethyl Acetate	< 2,000	2,000	< 7,200	7,200		1,000	2/23/2024	141-78-6
Ethylbenzene	< 500	500	< 2,170	2,170		1,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-10
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	12	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 500	500	< 2,050	2,050		1,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 1,000	1,000	< 10,700	10,700		1,000	2/23/2024	87-68-3
Hexane	**7,980**	**1,000**	**28,100**	**3,520**		1,000	2/23/2024	110-54-3
Isopropylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/23/2024	98-82-8
m&p-Xylene	< 1,000	1,000	< 4,340	4,340		1,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 2,000	2,000	< 7,220	7,220		1,000	2/23/2024	1634-04-4
Methylcyclohexane	**7,410**	**1,000**	**29,800**	**4,020**		1,000	2/23/2024	108-87-2
Methylene chloride	< 2,000	2,000	< 6,940	6,940		1,000	2/23/2024	75-09-2
Naphthalene	< 5,000	5,000	< 26,200	26,200		1,000	2/23/2024	91-20-3
Nonane	< 1,000	1,000	< 5,240	5,240		1,000	2/23/2024	111-84-2
Octane	< 1,000	1,000	< 4,670	4,670		1,000	2/23/2024	111-65-9
o-Xylene	< 500	500	< 2,170	2,170		1,000	2/23/2024	95-47-6
Propene (Propylene)	< 2,000	2,000	< 3,440	3,440		1,000	2/23/2024	115-07-1
Propylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/23/2024	135-98-8
Styrene	< 500	500	< 2,130	2,130		1,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/23/2024	98-06-6
Tetrachloroethene	< 1,000	1,000	< 6,790	6,790		1,000	2/23/2024	127-18-4
Tetrahydrofuran	< 5,000	5,000	< 14,800	14,800	L5	1,000	2/23/2024	109-99-9
Toluene	< 500	500	< 1,890	1,890		1,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1,000	2/23/2024	542-75-6
Trichloroethene	< 500	500	< 2,690	2,690		1,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 500	500	< 2,810	2,810		1,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 500	500	< 3,830	3,830		1,000	2/23/2024	76-13-1
Vinyl acetate	< 2,000	2,000	< 7,040	7,040		1,000	2/23/2024	108-05-4
Vinyl chloride	< 500	500	< 1,280	1,280		1,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	94.7	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Propane	10,300	10,000	ppbv		T4	1000	2/23/2024
Isobutane	60,200	10,000	ppbv		T4	1000	2/23/2024
Butane	123,000	10000	ppbv		T4	1000	2/23/2024
Methyl butane	106,000	10000	ppbv		T4	1000	2/23/2024
Pentane	22,000	10000	ppbv		T4	1000	2/23/2024
Dimethyl butane	25,900	10000	ppbv		T4	1000	2/23/2024
Methyl pentane	46,500	10000	ppbv		T4	1000	2/23/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-11
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	13	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 400	400	< 2,180	2,180		800	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 400	400	< 2,750	2,750		800	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 400	400	< 2,180	2,180		800	2/23/2024	79-00-5
1,1-Dichloroethane	< 400	400	< 1,620	1,620		800	2/23/2024	75-34-3
1,1-Dichloroethene	< 400	400	< 1,590	1,590		800	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 1,600	1,600	< 11,900	11,900		800	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 800	800	< 3,940	3,940		800	2/23/2024	95-63-6
1,2-Dibromoethane	< 400	400	< 3,070	3,070		800	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 800	800	< 4,810	4,810		800	2/23/2024	95-50-1
1,2-Dichloroethane	< 400	400	< 1,620	1,620		800	2/23/2024	107-06-2
1,2-Dichloropropane	< 400	400	< 1,850	1,850		800	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 800	800	< 3,940	3,940		800	2/23/2024	108-67-8
1,3-Butadiene	< 1,600	1,600	< 3,540	3,540		800	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 800	800	< 4,810	4,810		800	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 800	800	< 4,810	4,810		800	2/23/2024	106-46-7
1,4-Dioxane	< 1,600	1,600	< 5,760	5,760		800	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**6,380**	**400**	**29,700**	**1,860**		800	2/23/2024	540-84-1
2-Butanone (MEK)	< 4,000	4,000	< 11,800	11,800		800	2/23/2024	78-93-3
2-Hexanone	< 4,000	4,000	< 16,400	16,400	L5	800	2/23/2024	591-78-6
2-Propanol (IPA)	< 4,000	4,000	< 9,800	9,800		800	2/23/2024	67-63-0
4-Ethyltoluene	< 800	800	< 3,940	3,940		800	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 4,000	4,000	< 16,400	16,400		800	2/23/2024	108-10-1
Acetone	< 4,000	4,000	< 9,520	9,520		800	2/23/2024	67-64-1
Allyl chloride	< 1,600	1,600	< 5,010	5,010		800	2/23/2024	107-05-1
Benzene	< 400	400	< 1,280	1,280		800	2/23/2024	71-43-2
Benzyl chloride	< 1,600	1,600	< 8,290	8,290		800	2/23/2024	100-44-7
Bromodichloromethane	< 400	400	< 2,680	2,680		800	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 400	400	< 1,750	1,750		800	2/23/2024	593-60-2
Bromoform	< 400	400	< 4,140	4,140		800	2/23/2024	75-25-2
Bromomethane	< 400	400	< 1,550	1,550		800	2/23/2024	74-83-9
Butyl benzene	< 800	800	< 4,400	4,400		800	2/23/2024	104-51-8
Carbon disulfide	< 4,000	4,000	< 12,400	12,400		800	2/23/2024	75-15-0
Carbon tetrachloride	< 400	400	< 2,520	2,520		800	2/23/2024	56-23-5
Chlorobenzene	< 400	400	< 1,840	1,840		800	2/23/2024	108-90-7
Chloroethane	< 1,600	1,600	< 4,220	4,220		800	2/23/2024	75-00-3
Chloroform	< 400	400	< 1,950	1,950		800	2/23/2024	67-66-3
Chloromethane	< 1,600	1,600	< 3,310	3,310		800	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 400	400	< 1,580	1,580		800	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 400	400	< 1,820	1,820		800	2/23/2024	542-75-6
Cyclohexane	**8,880**	**400**	**30,600**	**1,380**		800	2/23/2024	110-82-7
Dibromochloromethane	< 400	400	< 3,410	3,410		800	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 1,600	1,600	< 7,920	7,920		800	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 400	400	< 2,800	2,800		800	2/23/2024	76-14-2
Ethanol	< 4,000	4,000	< 7,520	7,520	T4	800	2/23/2024	64-17-5
Ethyl Acetate	< 1,600	1,600	< 5,760	5,760		800	2/23/2024	141-78-6
Ethylbenzene	< 400	400	< 1,740	1,740		800	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-11
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	13	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 400	400	< 1,640	1,640		800	2/23/2024	142-82-5
Hexachlorobutadiene	< 800	800	< 8,540	8,540		800	2/23/2024	87-68-3
Hexane	**1,010**	**800**	**3,560**	**2,820**		800	2/23/2024	110-54-3
Isopropylbenzene	< 800	800	< 3,940	3,940		800	2/23/2024	98-82-8
m&p-Xylene	< 800	800	< 3,470	3,470		800	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 1,600	1,600	< 5,780	5,780		800	2/23/2024	1634-04-4
Methylcyclohexane	**2,470**	**800**	**9,930**	**3,220**		800	2/23/2024	108-87-2
Methylene chloride	< 1,600	1,600	< 5,550	5,550		800	2/23/2024	75-09-2
Naphthalene	< 4,000	4,000	< 21,000	21,000		800	2/23/2024	91-20-3
Nonane	< 800	800	< 4,190	4,190		800	2/23/2024	111-84-2
Octane	< 800	800	< 3,740	3,740		800	2/23/2024	111-65-9
o-Xylene	< 400	400	< 1,740	1,740		800	2/23/2024	95-47-6
Propene (Propylene)	< 1,600	1,600	< 2,750	2,750		800	2/23/2024	115-07-1
Propylbenzene	< 800	800	< 3,940	3,940		800	2/23/2024	103-65-1
Sec-Butyl benzene	< 800	800	< 4,390	4,390		800	2/23/2024	135-98-8
Styrene	< 400	400	< 1,700	1,700		800	2/23/2024	100-42-5
Tert-Butyl benzene	< 800	800	< 4,390	4,390		800	2/23/2024	98-06-6
Tetrachloroethene	< 800	800	< 5,420	5,420		800	2/23/2024	127-18-4
Tetrahydrofuran	< 4,000	4,000	< 11,800	11,800	L5	800	2/23/2024	109-99-9
Toluene	< 400	400	< 1,510	1,510		800	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 400	400	< 1,580	1,580		800	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 400	400	< 1,820	1,820		800	2/23/2024	542-75-6
Trichloroethene	< 400	400	< 2,150	2,150		800	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 400	400	< 2,250	2,250		800	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 400	400	< 3,060	3,060		800	2/23/2024	76-13-1
Vinyl acetate	< 1,600	1,600	< 5,630	5,630		800	2/23/2024	108-05-4
Vinyl chloride	< 400	400	< 1,020	1,020		800	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	96.9	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Isobutane	44,900	8,000	ppbv		T4	800	2/23/2024	
Butane	58,100	8,000	ppbv		T4	800	2/23/2024	
Methyl butane	60,200	8,000	ppbv		T4	800	2/23/2024	
Dimethyl butane	12,800	8,000	ppbv		T4	800	2/23/2024	
Methyl pentane	15,400	8,000	ppbv		T4	800	2/23/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-12
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	14	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 2,000	2,000	< 10,900	10,900		4,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 2,000	2,000	< 13,700	13,700		4,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 2,000	2,000	< 10,900	10,900		4,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 2,000	2,000	< 8,100	8,100		4,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 2,000	2,000	< 7,940	7,940		4,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 8,000	8,000	< 59,400	59,400		4,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 2,000	2,000	< 15,400	15,400		4,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 2,000	2,000	< 8,100	8,100		4,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 2,000	2,000	< 9,240	9,240		4,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	108-67-8
1,3-Butadiene	< 8,000	8,000	< 17,700	17,700		4,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/23/2024	106-46-7
1,4-Dioxane	< 8,000	8,000	< 28,800	28,800		4,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**6,960**	**2,000**	**32,400**	**9,320**		4,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 20,000	20,000	< 59,000	59,000		4,000	2/23/2024	78-93-3
2-Hexanone	< 20,000	20,000	< 82,000	82,000	L5	4,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 20,000	20,000	< 49,000	49,000		4,000	2/23/2024	67-63-0
4-Ethyltoluene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 20,000	20,000	< 82,000	82,000		4,000	2/23/2024	108-10-1
Acetone	< 20,000	20,000	< 47,600	47,600		4,000	2/23/2024	67-64-1
Allyl chloride	< 8,000	8,000	< 25,000	25,000		4,000	2/23/2024	107-05-1
Benzene	< 2,000	2,000	< 6,380	6,380		4,000	2/23/2024	71-43-2
Benzyl chloride	< 8,000	8,000	< 41,400	41,400		4,000	2/23/2024	100-44-7
Bromodichloromethane	< 2,000	2,000	< 13,400	13,400		4,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 2,000	2,000	< 8,740	8,740		4,000	2/23/2024	593-60-2
Bromoform	< 2,000	2,000	< 20,700	10,700		4,000	2/23/2024	75-25-2
Bromomethane	< 2,000	2,000	< 7,760	7,760		4,000	2/23/2024	74-83-9
Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/23/2024	104-51-8
Carbon disulfide	< 20,000	20,000	< 62,200	62,200		4,000	2/23/2024	75-15-0
Carbon tetrachloride	< 2,000	2,000	< 12,600	12,600		4,000	2/23/2024	56-23-5
Chlorobenzene	< 2,000	2,000	< 9,200	9,200		4,000	2/23/2024	108-90-7
Chloroethane	< 8,000	8,000	< 21,100	21,100		4,000	2/23/2024	75-00-3
Chloroform	< 2,000	2,000	< 9,760	9,760		4,000	2/23/2024	67-66-3
Chloromethane	< 8,000	8,000	< 16,560	16,600		4,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 2,000	2,000	< 7,920	16,600		4,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 2,000	2,000	< 9,080	9,080		4,000	2/23/2024	542-75-6
Cyclohexane	**13,800**	**2,000**	**47,500**	**6,880**		4,000	2/23/2024	110-82-7
Dibromochloromethane	< 2,000	2,000	< 17,000	17,000		4,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 8,000	8,000	< 39,600	39,600		4,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,000	2,000	< 14,000	14,000		4,000	2/23/2024	76-14-2
Ethanol	< 20,000	20,000	< 37,600	37,600	T4	4,000	2/23/2024	64-17-5
Ethyl Acetate	< 8,000	8,000	< 28,800	28,800		4,000	2/23/2024	141-78-6
Ethylbenzene	< 2,000	2,000	< 8,680	8,680		4,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-12
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	14	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 2,000	2,000	< 8,200	8,200		4,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 4,000	4,000	< 42,700	42,700		4,000	2/23/2024	87-68-3
Hexane	**22,000**	**4,000**	**77,400**	**14,100**		4,000	2/23/2024	110-54-3
Isopropylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	98-82-8
m&p-Xylene	< 4,000	4,000	< 17,400	17,400		4,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 8,000	8,000	< 28,900	28,900		4,000	2/23/2024	1634-04-4
Methylcyclohexane	< 4,000	4,000	< 16,100	16,100		4,000	2/23/2024	108-87-2
Methylene chloride	< 8,000	8,000	< 27,800	27,800		4,000	2/23/2024	75-09-2
Naphthalene	< 20,000	20,000	< 105,000	105,000		4,000	2/23/2024	91-20-3
Nonane	< 4,000	4,000	< 21,000	21,000		4,000	2/23/2024	111-84-2
Octane	< 4,000	4,000	< 18,700	18,700		4,000	2/23/2024	111-65-9
o-Xylene	< 2,000	2,000	< 8,680	8,680		4,000	2/23/2024	95-47-6
Propene (Propylene)	< 8,000	8,000	< 13,800	13,800		4,000	2/23/2024	115-07-1
Propylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/23/2024	135-98-8
Styrene	< 2,000	2,000	< 8,520	8,520		4,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/23/2024	98-06-6
Tetrachloroethene	< 4,000	4,000	< 27,100	27,100		4,000	2/23/2024	127-18-4
Tetrahydrofuran	< 20,000	20,000	< 59,000	59,000	L5	4,000	2/23/2024	109-99-9
Toluene	< 2,000	2,000	< 7,540	7,540		4,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 2,000	2,000	< 7,920	7,920		4,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 2,000	2,000	< 9,080	9,080		4,000	2/23/2024	542-75-6
Trichloroethene	< 2,000	2,000	< 10,700	10,700		4,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 2,000	2,000	< 11,200	11,200		4,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,000	2,000	< 15,300	15,300		4,000	2/23/2024	76-13-1
Vinyl acetate	< 8,000	8,000	< 28,200	28,200		4,000	2/23/2024	108-05-4
Vinyl chloride	< 2,000	2,000	< 5,120	5,120		4,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	97.5	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	172,000	40,000	ppbv		T4	4000	2/23/2024
Butane	369000	40,000	ppbv		T4	4000	2/23/2024
Methyl butane	278000	40,000	ppbv		T4	4000	2/23/2024
Pentane	84400	40,000	ppbv		T4	4000	2/23/2024
Methyl pentane	55600	40,000	ppbv		T4	4000	2/23/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-13
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	15	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 4,000	4,000	< 27,500	27,500		8,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 4,000	4,000	< 15,900	15,900		8,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 16,000	16,000	< 119,000	119,000		8,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 4,000	4,000	< 30,700	30,700		8,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 4,000	4,000	< 18,500	18,500		8,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	108-67-8
1,3-Butadiene	< 16,000	16,000	< 35,400	35,400		8,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	106-46-7
1,4-Dioxane	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**9,920**	**4,000**	**46,200**	**18,600**		8,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	78-93-3
2-Hexanone	< 40,000	40,000	< 164,000	164,000	L5	8,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 40,000	40,000	< 98,000	98,000		8,000	2/23/2024	67-63-0
4-Ethyltoluene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 40,000	40,000	< 164,000	164,000		8,000	2/23/2024	108-10-1
Acetone	< 40,000	40,000	< 95,200	95,200		8,000	2/23/2024	67-64-1
Allyl chloride	< 16,000	16,000	< 50,100	50,100		8,000	2/23/2024	107-05-1
Benzene	< 4,000	4,000	< 12,800	12,800		8,000	2/23/2024	71-43-2
Benzyl chloride	< 16,000	16,000	< 82,900	82,900		8,000	2/23/2024	100-44-7
Bromodichloromethane	< 4,000	4,000	< 26,800	26,800		8,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 4,000	4,000	< 17,500	17,500		8,000	2/23/2024	593-60-2
Bromoform	< 4,000	4,000	< 41,400	41,400		8,000	2/23/2024	75-25-2
Bromomethane	< 4,000	4,000	< 15,500	15,500		8,000	2/23/2024	74-83-9
Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	104-51-8
Carbon disulfide	< 40,000	40,000	< 124,000	124,000		8,000	2/23/2024	75-15-0
Carbon tetrachloride	< 4,000	4,000	< 25,200	25,200		8,000	2/23/2024	56-23-5
Chlorobenzene	< 4,000	4,000	< 18,400	18,400		8,000	2/23/2024	108-90-7
Chloroethane	< 16,000	16,000	< 42,200	42,200		8,000	2/23/2024	75-00-3
Chloroform	< 4,000	4,000	< 19,500	19,500		8,000	2/23/2024	67-66-3
Chloromethane	< 16,000	16,000	< 33,100	33,100		8,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Cyclohexane	**30,200**	**4,000**	**104,000**	**13,800**		8,000	2/23/2024	110-82-7
Dibromochloromethane	< 4,000	4,000	< 34,100	34,100		8,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 16,000	16,000	< 79,200	79,200		8,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 4,000	4,000	< 28,000	28,000		8,000	2/23/2024	76-14-2
Ethanol	< 40,000	40,000	< 75,200	75,200	T4	8,000	2/23/2024	64-17-5
Ethyl Acetate	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	141-78-6
Ethylbenzene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	SVB-13
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	15	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 4,000	4,000	< 16,400	16,400		8,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 8,000	8,000	< 85,400	85,400		8,000	2/23/2024	87-68-3
Hexane	**85,400**	**8,000**	**300,000**	**28,200**		8,000	2/23/2024	110-54-3
Isopropylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	98-82-8
m&p-Xylene	< 8,000	8,000	< 34,700	34,700		8,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 16,000	16,000	< 57,800	57,800		8,000	2/23/2024	1634-04-4
Methylcyclohexane	< 8,000	8,000	< 32,200	32,200		8,000	2/23/2024	108-87-2
Methylene chloride	< 16,000	16,000	< 55,500	55,500		8,000	2/23/2024	75-09-2
Naphthalene	< 40,000	40,000	< 210,000	210,000		8,000	2/23/2024	91-20-3
Nonane	< 8,000	8,000	< 41,900	41,900		8,000	2/23/2024	111-84-2
Octane	< 8,000	8,000	< 37,400	37,400		8,000	2/23/2024	111-65-9
o-Xylene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	95-47-6
Propene (Propylene)	< 16,000	16,000	< 27,500	27,500		8,000	2/23/2024	115-07-1
Propylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	135-98-8
Styrene	< 4,000	4,000	< 17,000	17,000		8,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	98-06-6
Tetrachloroethene	< 8,000	8,000	< 54,200	54,200		8,000	2/23/2024	127-18-4
Tetrahydrofuran	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	109-99-9
Toluene	< 4,000	4,000	< 15,100	15,100		8,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Trichloroethene	< 4,000	4,000	< 21,500	21,500		8,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 4,000	4,000	< 22,500	22,500		8,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 4,000	4,000	< 30,600	30,600		8,000	2/23/2024	76-13-1
Vinyl acetate	< 16,000	16,000	< 56,300	56,300		8,000	2/23/2024	108-05-4
Vinyl chloride	< 4,000	4,000	< 10,200	10,200		8,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	98.7	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	479,000	80,000	ppbv	T4	8000	2/23/2024	
Butane	1,180,000	80000	ppbv	T4	8000	2/23/2024	
Methyl butane	815,000	80000	ppbv	T4	8000	2/23/2024	
Pentane	330,000	80000	ppbv	T4	8000	2/23/2024	
Methyl pentane	175,000	80000	ppbv	T4	8000	2/23/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	Duplicate
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	16	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 4,000	4,000	< 27,500	27,500		8,000	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 4,000	4,000	< 21,800	21,800		8,000	2/23/2024	79-00-5
1,1-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	75-34-3
1,1-Dichloroethene	< 4,000	4,000	< 15,900	15,900		8,000	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 16,000	16,000	< 119,000	119,000		8,000	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	95-63-6
1,2-Dibromoethane	< 4,000	4,000	< 30,700	30,700		8,000	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	95-50-1
1,2-Dichloroethane	< 4,000	4,000	< 16,200	16,200		8,000	2/23/2024	107-06-2
1,2-Dichloropropane	< 4,000	4,000	< 18,500	18,500		8,000	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	108-67-8
1,3-Butadiene	< 16,000	16,000	< 35,400	35,400		8,000	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 8,000	8,000	< 48,100	48,100		8,000	2/23/2024	106-46-7
1,4-Dioxane	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	123-91-1
2,2,4-Trimethylpentane	**29,400**	**4,000**	**137,000**	**18,600**		8,000	2/23/2024	540-84-1
2-Butanone (MEK)	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	78-93-3
2-Hexanone	< 40,000	40,000	< 164,000	164,000	L5	8,000	2/23/2024	591-78-6
2-Propanol (IPA)	< 40,000	40,000	< 98,000	98,000		8,000	2/23/2024	67-63-0
4-Ethyltoluene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 40,000	40,000	< 164,000	164,000		8,000	2/23/2024	108-10-1
Acetone	< 40,000	40,000	< 95,200	95,200		8,000	2/23/2024	67-64-1
Allyl chloride	< 16,000	16,000	< 50,100	50,100		8,000	2/23/2024	107-05-1
Benzene	< 4,000	4,000	< 12,800	12,800		8,000	2/23/2024	71-43-2
Benzyl chloride	< 16,000	16,000	< 82,900	82,900		8,000	2/23/2024	100-44-7
Bromodichloromethane	< 4,000	4,000	< 26,800	26,800		8,000	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 4,000	4,000	< 17,500	17,500		8,000	2/23/2024	593-60-2
Bromoform	< 4,000	4,000	< 41,400	41,400		8,000	2/23/2024	75-25-2
Bromomethane	< 4,000	4,000	< 15,500	15,500		8,000	2/23/2024	74-83-9
Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	104-51-8
Carbon disulfide	< 40,000	40,000	< 124,000	124,000		8,000	2/23/2024	75-15-0
Carbon tetrachloride	< 4,000	4,000	< 25,200	25,200		8,000	2/23/2024	56-23-5
Chlorobenzene	< 4,000	4,000	< 18,400	18,400		8,000	2/23/2024	108-90-7
Chloroethane	< 16,000	16,000	< 42,200	42,200		8,000	2/23/2024	75-00-3
Chloroform	< 4,000	4,000	< 19,500	19,500		8,000	2/23/2024	67-66-3
Chloromethane	< 16,000	16,000	< 33,100	33,100		8,000	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Cyclohexane	**70,200**	**4,000**	**241,000**	**13,800**		8,000	2/23/2024	110-82-7
Dibromochloromethane	< 4,000	4,000	< 34,100	34,100		8,000	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 16,000	16,000	< 79,200	79,200		8,000	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 4,000	4,000	< 28,000	28,000		8,000	2/23/2024	76-14-2
Ethanol	< 40,000	40,000	< 75,200	75,200	T4	8,000	2/23/2024	64-17-5
Ethyl Acetate	< 16,000	16,000	< 57,600	57,600		8,000	2/23/2024	141-78-6
Ethylbenzene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	Duplicate
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	2/20/2024
Lab ID:	16	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 4,000	4,000	< 16,400	16,400		8,000	2/23/2024	142-82-5
Hexachlorobutadiene	< 8,000	8,000	< 85,400	85,400		8,000	2/23/2024	87-68-3
Hexane	**30,600**	**8,000**	**108,000**	**28,200**		8,000	2/23/2024	110-54-3
Isopropylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	98-82-8
m&p-Xylene	< 8,000	8,000	< 34,700	34,700		8,000	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 16,000	16,000	< 57,800	57,800		8,000	2/23/2024	1634-04-4
Methylcyclohexane	**11,100**	**8,000**	**44,600**	**32,200**		8,000	2/23/2024	108-87-2
Methylene chloride	< 16,000	16,000	< 55,500	55,500		8,000	2/23/2024	75-09-2
Naphthalene	< 40,000	40,000	< 210,000	210,000		8,000	2/23/2024	91-20-3
Nonane	< 8,000	8,000	< 41,900	41,900		8,000	2/23/2024	111-84-2
Octane	< 8,000	8,000	< 37,400	37,400		8,000	2/23/2024	111-65-9
o-Xylene	< 4,000	4,000	< 17,400	17,400		8,000	2/23/2024	95-47-6
Propene (Propylene)	< 16,000	16,000	< 27,500	27,500		8,000	2/23/2024	115-07-1
Propylbenzene	< 8,000	8,000	< 39,400	39,400		8,000	2/23/2024	103-65-1
Sec-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	135-98-8
Styrene	< 4,000	4,000	< 17,000	17,000		8,000	2/23/2024	100-42-5
Tert-Butyl benzene	< 8,000	8,000	< 43,900	43,900		8,000	2/23/2024	98-06-6
Tetrachloroethene	< 8,000	8,000	< 54,200	54,200		8,000	2/23/2024	127-18-4
Tetrahydrofuran	< 40,000	40,000	< 118,000	118,000		8,000	2/23/2024	109-99-9
Toluene	< 4,000	4,000	< 15,100	15,100		8,000	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 4,000	4,000	< 15,800	15,800		8,000	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 4,000	4,000	< 18,200	18,200		8,000	2/23/2024	542-75-6
Trichloroethene	< 4,000	4,000	< 21,500	21,500		8,000	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 4,000	4,000	< 22,500	22,500		8,000	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 4,000	4,000	< 30,600	30,600		8,000	2/23/2024	76-13-1
Vinyl acetate	< 16,000	16,000	< 56,300	56,300		8,000	2/23/2024	108-05-4
Vinyl chloride	< 4,000	4,000	< 10,200	10,200		8,000	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	98.5	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	253,000	80,000	ppbv	T4	8000	2/23/2024
Butane	744,000	80000	ppbv	T4	8000	2/23/2024
Methyl butane	510,000	80000	ppbv	T4	8000	2/23/2024
Pentane	116,400	80000	ppbv	T4	8000	2/23/2024
Methyl pentane	174,000	80000	ppbv	T4	8000	2/23/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010222 Analyst: YM

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/22/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/22/2024	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/22/2024	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/22/2024	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/22/2024	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/22/2024	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/22/2024	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/22/2024	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/22/2024	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/22/2024	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/22/2024	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/22/2024	108-67-8
1,3-Butadiene	< 2.0	2.0	< 4.42	4.42		1	2/22/2024	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/22/2024	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/22/2024	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/22/2024	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/22/2024	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/22/2024	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/22/2024	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/22/2024	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/22/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/22/2024	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/22/2024	67-64-1
Allyl chloride	< 2.0	2.0	< 6.26	6.26		1	2/22/2024	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/22/2024	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/22/2024	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/22/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/22/2024	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/22/2024	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/22/2024	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/22/2024	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/22/2024	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/22/2024	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/22/2024	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/22/2024	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/22/2024	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/22/2024	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/22/2024	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/22/2024	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/22/2024	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/22/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.90	9.90		1	2/22/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/22/2024	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/22/2024	64-17-5
Ethyl Acetate	< 2.0	2.0	< 7.20	7.20		1	2/22/2024	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/22/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010222 Analyst: YM

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/22/2024	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/22/2024	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/22/2024	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/22/2024	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/22/2024	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/22/2024	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/22/2024	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/22/2024	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/22/2024	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/22/2024	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/22/2024	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/22/2024	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.44	3.44		1	2/22/2024	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/22/2024	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/22/2024	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/22/2024	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/22/2024	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/22/2024	127-18-4
Tetrahydrofuran	< 5.0	5.0	< 14.8	14.8		1	2/22/2024	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/22/2024	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/22/2024	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/22/2024	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/22/2024	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/22/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/22/2024	76-13-1
Vinyl acetate	< 2.0	2.0	< 7.04	7.04		1	2/22/2024	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/22/2024	75-01-4
Surr: 4-Bromofluorobenzene	103	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/22/2024 Batch: MS010222 Analyst: YM

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	LCSD	RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	10.2	102	10.1	101	10.0	1.3	ppbv			
Dichlorodifluoromethane(F-12)	11.4	114	11.3	113	10.0	1.1	ppbv			
Chloromethane	9.9	98.5	9.8	97.7	10.0	0.8	ppbv			
Dichlorotetrafluoroethane(F-114)	9.6	95.5	9.5	94.6	10.0	0.9	ppbv			
Vinyl Chloride	9.9	99.0	9.9	99.0	10.0	0.0	ppbv			
1,3-Butadiene	10.5	105	10.3	103	10.0	1.4	ppbv			
Bromomethane	9.5	94.9	9.4	93.9	10.0	1.1	ppbv			
Chloroethane	9.6	95.5	9.4	94.1	10.0	1.5	ppbv			
Bromoethene(Vinyl Bromide)	9.6	95.6	12.2	122	10.0	24.4	ppbv			
Trichlorofluoromethane (F-11)	9.9	98.9	9.5	95.2	10.0	3.8	ppbv			
Acetone	11.5	115	9.8	97.8	10.0	15.9	ppbv			
Isopropyl Alcohol (2-Propanol)	12.3	123	10.7	107	10.0	13.6	ppbv			
1,1-Dichloroethene	10.1	101	10.0	100	10.0	0.8	ppbv			
Trichlorotrifluoroethane (F-113)	9.4	94.4	9.1	91.1	10.0	3.6	ppbv			
Methylene Chloride	12.7	127	12.2	122	10.0	3.4	ppbv			
Allyl Chloride	10.7	107	10.2	102	10.0	3.9	ppbv			
Carbon disulfide	9.5	94.7	9.4	93.8	10.0	1.0	ppbv			
trans-1,2-Dichloroethene	10.0	100	9.6	95.7	10.0	4.7	ppbv			
Methyl tert-butyl ether	12.4	124	11.5	115	10.0	7.9	ppbv			
1,1-Dichloroethane	10.2	102	9.8	97.5	10.0	4.4	ppbv			
Vinyl acetate	12.5	125	11.5	115	10.0	8.2	ppbv			
2-Butanone (MEK)	11.6	116	10.6	106	10.0	9.0	ppbv			
Hexane	10.9	109	10.1	101	10.0	7.4	ppbv			
cis-1,2-Dichloroethene	9.9	99.2	9.5	94.7	10.0	4.6	ppbv			
Ethyl Acetate	12.3	123	11.5	115	10.0	7.2	ppbv			
Chloroform	9.7	96.8	9.3	92.6	10.0	4.4	ppbv			
Tetrahydrofuran	13.1	131	12.0	120	10.0	8.2	ppbv	L5		
1,1,1-Trichloroethane	10.0	100	9.6	96.3	10.0	4.1	ppbv			
1,2-Dichloroethane	10.4	104	9.9	99.4	10.0	4.2	ppbv			
Benzene	10.5	105	10.0	99.9	10.0	4.5	ppbv			
Carbon tetrachloride	9.9	98.7	9.5	94.5	10.0	4.3	ppbv			
Cyclohexane	10.2	102	10.7	107	10.0	4.2	ppbv			
2,2,4-Trimethylpentane	11.3	113	9.4	93.6	10.0	19.0	ppbv			
Heptane	9.9	98.7	9.6	96.1	10.0	2.7	ppbv			
1,2-Dichloropropane	10.0	99.7	9.4	94.3	10.0	5.6	ppbv			
Trichloroethene	8.8	87.8	8.4	83.7	10.0	4.8	ppbv			
Bromodichloromethane	9.5	94.6	9.0	90.4	10.0	4.5	ppbv			
1,4-Dioxane	12.8	128	12.1	121	10.0	5.6	ppbv			
Methylcyclohexane	10.2	102	9.6	95.7	10.0	6.1	ppbv			
cis-1,3-Dichloropropene	11.2	112	10.6	106	10.0	5.3	ppbv			
4-methyl-2-pentanone	12.6	126	11.6	116	10.0	8.8	ppbv			
trans-1,3-Dichloropropene	12.1	121	11.5	115	10.0	4.7	ppbv			
Toluene	11.2	112	10.6	106	10.0	4.8	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/22/2024 Batch: MS010222 Analyst: YM

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	9.5	94.7	9.0	90.0	10.0	5.1	ppbv			
2-Hexanone	15.5	155	14.1	141	10.0	9.7	ppbv	L5	L5	
n-Octane	10.5	105	10.0	99.7	10.0	5.0	ppbv			
Dibromochloromethane	9.2	92.4	8.8	88.1	10.0	4.8	ppbv			
1,2-Dibromoethane	9.9	99.4	9.6	95.5	10.0	4.0	ppbv			
Tetrachloroethene	8.7	87.4	8.3	83.1	10.0	5.0	ppbv			
Chlorobenzene	8.9	89.4	8.6	86.1	10.0	3.8	ppbv			
Ethylbenzene	10.3	103	9.8	97.8	10.0	5.5	ppbv			
m&p-Xylene	19.8	99.2	18.9	94.3	20.0	5.1	ppbv			
Bromoform	9.1	90.7	8.8	88.2	10.0	2.8	ppbv			
Styrene	11.2	112	10.7	107	10.0	4.9	ppbv			
Nonane	9.4	93.7	9.1	91.1	10.0	2.8	ppbv			
o-Xylene	9.6	96.3	9.2	91.7	10.0	4.9	ppbv			
1,1,2,2-Tetrachloroethane	9.0	90.3	8.8	87.5	10.0	3.1	ppbv			
Isopropylbenzene	10.2	102	9.7	97.1	10.0	5.1	ppbv			
n-Propylbenzene	10.1	101	9.7	96.5	10.0	4.6	ppbv			
4-Ethyltoluene	10.1	101	9.6	96.2	10.0	4.6	ppbv			
1,3,5-Trimethylbenzene	9.7	97.1	9.2	92.4	10.0	5.0	ppbv			
Tert-Butyl Benzene	9.2	92.3	8.8	88.2	10.0	4.5	ppbv			
1,2,4-Trimethylbenzene	9.5	94.7	9.1	90.5	10.0	4.5	ppbv			
Sec-Butyl Benzene	9.2	92.1	8.8	88.4	10.0	4.1	ppbv			
1,3-Dichlorobenzene	9.5	95.1	9.2	92.2	10.0	3.1	ppbv			
Benzyl chloride	11.2	112	10.7	107	10.0	4.3	ppbv			
1,4-Dichlorobenzene	9.8	97.9	9.5	94.5	10.0	3.5	ppbv			
1,2-Dichlorobenzene	9.4	93.6	9.0	90.4	10.0	3.5	ppbv			
n-Butyl Benzene	9.7	96.8	9.3	92.9	10.0	4.1	ppbv			
1,2,4-Trichlorobenzene	10.5	105	9.8	98.4	10.0	6.0	ppbv			
Naphthalene	12.2	122	11.4	114	10.0	6.6	ppbv			
Hexachlorobutadiene	10.7	107	9.8	98.2	10.0	8.7	ppbv			
Surr: 4-Bromofluorobenzene	10.9	109	11.0	110			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010223 Analyst: YM

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/23/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/23/2024	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/23/2024	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/23/2024	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/23/2024	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/23/2024	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/23/2024	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/23/2024	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/23/2024	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/23/2024	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/23/2024	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/23/2024	108-67-8
1,3-Butadiene	< 2.0	2.0	< 4.42	4.42		1	2/23/2024	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/23/2024	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/23/2024	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/23/2024	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/23/2024	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/23/2024	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/23/2024	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/23/2024	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/23/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/23/2024	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/23/2024	67-64-1
Allyl chloride	< 2.0	2.0	< 6.26	6.26		1	2/23/2024	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/23/2024	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/23/2024	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/23/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/23/2024	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/23/2024	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/23/2024	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/23/2024	104-51-8
Carbon disulfide	< 2.0	2.0	< 6.22	6.22		1	2/23/2024	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/23/2024	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/23/2024	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/23/2024	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/23/2024	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/23/2024	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/23/2024	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/23/2024	542-75-6
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/23/2024	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/23/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.90	9.90		1	2/23/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/23/2024	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/23/2024	64-17-5
Ethyl Acetate	< 2.0	2.0	< 7.20	7.20		1	2/23/2024	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/23/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010223 Analyst: YM

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: YM	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/23/2024	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/23/2024	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/23/2024	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/23/2024	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/23/2024	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/23/2024	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/23/2024	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/23/2024	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/23/2024	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/23/2024	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/23/2024	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/23/2024	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.44	3.44		1	2/23/2024	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/23/2024	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/23/2024	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/23/2024	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/23/2024	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/23/2024	127-18-4
Tetrahydrofuran	< 5.0	5.0	< 14.8	14.8		1	2/23/2024	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/23/2024	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/23/2024	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/23/2024	542-75-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/23/2024	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/23/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/23/2024	76-13-1
Vinyl acetate	< 2.0	2.0	< 7.04	7.04		1	2/23/2024	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/23/2024	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/23/2024 Batch: MS010223 Analyst: YM

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	9.2	91.6	9.6	96.3	10.0	5.0	ppbv			
Dichlorodifluoromethane(F-12)	8.9	89.0	9.2	91.7	10.0	3.0	ppbv			
Chloromethane	8.8	87.6	9.2	92.0	10.0	4.9	ppbv			
Dichlorotetrafluoroethane(F-114)	8.3	83.4	8.7	86.6	10.0	3.8	ppbv			
Vinyl Chloride	8.9	88.9	9.4	93.5	10.0	5.0	ppbv			
1,3-Butadiene	9.6	95.6	10.0	100	10.0	4.3	ppbv			
Bromomethane	8.1	81.3	8.5	85.0	10.0	4.4	ppbv			
Chloroethane	8.3	83.3	8.9	88.9	10.0	6.5	ppbv			
Bromoethene(Vinyl Bromide)	8.2	82.0	8.6	86.4	10.0	5.2	ppbv			
Trichlorofluoromethane (F-11)	8.4	84.1	8.7	86.5	10.0	2.8	ppbv			
Acetone	9.5	95.0	9.9	99.3	10.0	4.4	ppbv			
Isopropyl Alcohol (2-Propanol)	10.7	107	11.1	111	10.0	3.6	ppbv			
1,1-Dichloroethene	9.5	94.5	9.6	96.2	10.0	1.8	ppbv			
Trichlorotrifluoroethane (F-113)	8.4	84.3	8.6	86.4	10.0	2.5	ppbv			
Methylene Chloride	11.5	115	11.6	116	10.0	1.6	ppbv			
Allyl Chloride	10.0	100	10.2	102	10.0	1.7	ppbv			
Carbon disulfide	8.6	86.2	8.8	88.1	10.0	2.2	ppbv			
trans-1,2-Dichloroethene	9.3	93.3	9.6	96.2	10.0	3.1	ppbv			
Methyl tert-butyl ether	11.3	113	11.6	116	10.0	1.9	ppbv			
1,1-Dichloroethane	9.1	91.0	9.3	93.2	10.0	2.4	ppbv			
Vinyl acetate	11.1	111	11.4	114	10.0	2.6	ppbv			
2-Butanone (MEK)	10.5	105	10.7	107	10.0	1.5	ppbv			
Hexane	9.8	98.2	10.1	101	10.0	2.7	ppbv			
cis-1,2-Dichloroethene	9.3	92.5	9.3	93.3	10.0	0.9	ppbv			
Ethyl Acetate	10.9	109	11.0	110	10.0	1.3	ppbv			
Chloroform	8.6	85.9	8.7	86.9	10.0	1.2	ppbv			
Tetrahydrofuran	11.5	115	11.6	116	10.0	1.1	ppbv			
1,1,1-Trichloroethane	8.9	89.1	9.0	90.1	10.0	1.1	ppbv			
1,2-Dichloroethane	9.4	93.8	9.4	94.1	10.0	0.3	ppbv			
Benzene	9.7	96.5	9.7	96.5	10.0	0.0	ppbv			
Carbon tetrachloride	8.6	85.6	8.6	86.4	10.0	0.9	ppbv			
Cyclohexane	10.4	104	10.5	105	10.0	1.0	ppbv			
2,2,4-Trimethylpentane	8.7	87.2	9.0	90.0	10.0	3.2	ppbv			
Heptane	8.7	86.7	9.0	89.7	10.0	3.4	ppbv			
1,2-Dichloropropane	8.7	86.7	8.9	89.3	10.0	3.0	ppbv			
Trichloroethene	7.5	74.5	7.7	77.0	10.0	3.3	ppbv			
Bromodichloromethane	8.0	79.5	8.3	82.6	10.0	3.8	ppbv			
1,4-Dioxane	10.7	107	11.5	115	10.0	7.5	ppbv			
Methylcyclohexane	8.9	89.2	9.2	92.1	10.0	3.2	ppbv			
cis-1,3-Dichloropropene	9.5	94.8	9.8	98.1	10.0	3.4	ppbv			
4-methyl-2-pentanone	10.7	107	11.2	112	10.0	3.9	ppbv			
trans-1,3-Dichloropropene	10.5	105	10.9	109	10.0	3.8	ppbv			
Toluene	9.7	96.6	10.0	100	10.0	3.2	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	N/A
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/23/2024 Batch: MS010223 Analyst: YM

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.2	81.7	8.4	84.0	10.0	2.8	ppbv			
2-Hexanone	12.9	129	13.5	135	10.0	4.5	ppbv		L5	
n-Octane	9.3	92.8	9.5	94.8	10.0	2.1	ppbv			
Dibromochloromethane	7.7	76.5	7.9	79.1	10.0	3.3	ppbv			
1,2-Dibromoethane	8.5	84.9	8.8	88.4	10.0	4.0	ppbv			
Tetrachloroethene	7.4	74.1	7.7	76.9	10.0	3.7	ppbv			
Chlorobenzene	7.7	77.2	7.9	79.4	10.0	2.8	ppbv			
Ethylbenzene	9.0	89.6	9.2	92.2	10.0	2.9	ppbv			
m&p-Xylene	17.0	85.0	17.4	87.1	20.0	2.5	ppbv			
Bromoform	7.4	73.5	7.6	75.8	10.0	3.1	ppbv			
Styrene	9.7	97.2	10.0	100	10.0	2.8	ppbv			
Nonane	8.2	81.9	8.3	82.9	10.0	1.2	ppbv			
o-Xylene	8.1	81.1	8.3	83.4	10.0	2.8	ppbv			
1,1,2,2-Tetrachloroethane	7.7	76.6	8.0	79.7	10.0	4.0	ppbv			
Isopropylbenzene	8.7	87.2	8.9	89.4	10.0	2.5	ppbv			
n-Propylbenzene	8.6	86.2	8.9	88.9	10.0	3.1	ppbv			
4-Ethyltoluene	8.6	85.5	8.8	88.2	10.0	3.1	ppbv			
1,3,5-Trimethylbenzene	8.2	81.8	8.4	84.0	10.0	2.7	ppbv			
Tert-Butyl Benzene	7.7	76.8	7.9	79.4	10.0	3.3	ppbv			
1,2,4-Trimethylbenzene	7.9	79.1	8.2	81.7	10.0	3.2	ppbv			
Sec-Butyl Benzene	7.7	77.3	8.0	79.6	10.0	2.9	ppbv			
1,3-Dichlorobenzene	7.9	78.8	8.2	82.4	10.0	4.5	ppbv			
Benzyl chloride	8.8	87.9	9.3	93.2	10.0	5.9	ppbv			
1,4-Dichlorobenzene	8.1	80.8	8.5	85.2	10.0	5.3	ppbv			
1,2-Dichlorobenzene	7.8	77.7	8.2	81.8	10.0	5.1	ppbv			
n-Butyl Benzene	8.2	82.2	8.5	84.5	10.0	2.8	ppbv			
1,2,4-Trichlorobenzene	8.4	83.8	8.9	88.8	10.0	5.8	ppbv			
Naphthalene	10.0	100	10.7	107	10.0	6.3	ppbv			
Hexachlorobutadiene	7.8	78.2	8.2	82.1	10.0	4.9	ppbv			
Surr: 4-Bromofluorobenzene	10.5	105	10.6	106			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	**Client Sample ID:**	NA
Project:	CK2705326	**Project Number:**	CK2705326
Lab Order:	24B036	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-230519-01	Stock	Spectra Gases	117476113	TO-14 39 Analytes	1.0 ppmv	± 5%	5/19/2024
S-230829-01	Stock	Spectra Gases	117483371	TO-15 25 Analytes	1.0 ppmv	± 5%	8/29/2024
S-230519-02	Stock	Spectra Gases	117476112	15 Additional Compounds	1.0 ppmv	± 5%	5/19/2024
S-231013-01	Stock	Spectra Gases	117427092	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/13/2024
A-231228-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	3/28/2024
A-240130-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	4/30/2024
A-240213-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	5/13/2024

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

AEL WO # 24B036

Customer: Encore Consulting, LLC
Page 1 of 2
Address: 950 W Elliot Rd Suite 116
Sampler: Jesus Ibarra Phone: 480-341-0824
Project Name: CK2705326 Project Number: CK2705326
City, State, Zip: Tempe, AZ 85284
Project location: Chino Valley, AZ
Contact: Shonda Wagner
P.O. Number: CK2705326 SRI
Phone: 480-828-4302
Fax Results: Y (N)
E-Mail Address: shonda@encore-consulting.net
E-Mail Results: (Y) N cc: Lyon and Jesus

Turn Around Request
____ Same day ____ 24 Hours
____ 48 Hours ____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days

Sample Receipt
Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Grab Sampler Type
Blue band: One minute
Yellow band: Two minutes
Red band: Five minutes
One, Two or Five minutes to fill one liter canister.

Sample Type
SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

AEL Lab #	Serial # Canister	Serial # Sampler	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
01	1881	080	6 (1) bag	1 2 (5)	Equipment Blank	2/19/24	1520	S	1	X									
02	1863	103	6 (1) bag	1 2 (5)	Field Blank	2/19/24	1530	S	1	X									
03	1866	263	6 (1) bag	1 2 (5)	SVB-1	2/19/24	1553	S	1	X									
04	1811	118	6 (1) bag	1 2 (5)	SVB-2	2/19/24	1612	S	1	X									
05	1862	153	6 (1) bag	1 2 (5)	SVB-3	2/19/24	1628	S	1	X									
06	E2047	265	6 (1) bag	1 2 (5)	SVB-4	2/19/24	1644	S	1	X									
07	1821	058	6 (1) bag	1 2 (5)	SVB-5	2/19/24	1706	S	1	X									
08	1878	262	6 (1) bag	1 2 (5)	SVB-6	2/19/24	1728	S	1	X									
09	E2411	094	6 (1) bag	1 2 (5)	SVB-7	2/20/24	1149	S	1	X									
10	E2369	036	6 (1) bag	1 2 (5)	SVB-8	2/20/24	1214	S	1	X									

Instructions / Special Requirements: THE PRESSURE IN THE CANISTER AFTER SAMPLING CAN NOT EXCEED 40 PSI.

Date:	Time:	Samples Relinquished By:	Received By:
2/22/24	1416	Jesus Ibarra	Ja Jones - Airtech

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

AEL WO # 2403036

Customer: Encore Consulting, LLC
Address: 950 W Elliot Rd Suite 116
City, State, Zip: Tempe, AZ 85284
Contact: Shanda Wagner
Phone: 480-828-4302
E-Mail Address: Shanda@encore-consulting.net

Page 2 of 2
Sampler: Jesus Ibarra Phone: 480-341-0824
Project Name: CU2705326 Project Number: CU2705326
Project location: Chino Valley
P.O. Number: CU2705326 SRI
Fax Results: Y (N)
E-Mail Results: (Y) N CC: Lynn and Jesus

Turn Around Request
____ Same day ____ 24 Hours
____ 48 Hours ____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days

Sample Receipt
Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Grab Sampler Type
Blue band: One minute
Yellow band: Two minutes
Red band: Five minutes ✓
One, Two or Five minutes to fill one liter canister.

Sample Type
SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

AEL Lab #	Serial # Canister	Serial # Sampler	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water			DFA tracer cmpd. as TIC
11	E2280	066	6 (1) bag	1 2 (5)	SVB-9	2/20/24	1313	S	1	X									
12	0206	022	6 (1) bag	1 2 (5)	SVB-10	2/20/24	1410	S	1	X									
13	E2401	156	6 (1) bag	1 2 (5)	SVB-11	2/20/24	1441	S	1	X									
14	E2090	236	6 (1) bag	1 2 (5)	SVB-12	2/20/24	1502	S	1	X									
15	1839	148	6 (1) bag	1 2 (5)	SVB-13	2/20/24	1525	S	1	X									
16	1826	264	6 1 bag	1 2 5	Duplicate	2/20/24	1425	S	1	X									
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements: THE PRESSURE IN THE CANISTER AFTER SAMPLING CAN NOT EXCEED 40 PSI.

Date:	Time:	Samples Relinquished By:	Received By:
2/22/24	1416	Jesus Ibarra	Jason Tom Airtech

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: March 1, 2024

Client:	Shanda Wagner	Work Order #:	24B048
Company:	EnCore Consulting, LLC	Project Name:	CK 2705326
Address:	950 W Elliot Rd., Ste 116	Project Number:	CK 2705326
	Tempe, AZ 85284	Received Date:	2/29/2024

Dear Client:

Airtech Environmental Laboratories received nine (9) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: March 1, 2024

Client:	Shanda Wagner	Work Order #:	24B048
Company:	EnCore Consulting, LLC	Project Name:	CK 2705326
Address:	950 W Elliot Rd., Ste 116	Project Number:	CK 2705326
	Tempe, AZ 85284	Received Date:	2/29/2024

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
24B048-01	Equipment Blank	TO-15	2/28/2024	1240
24B048-02	Field Blank	TO-15	2/28/2024	1249
24B048-03	SVB-14	TO-15	2/28/2024	1315
24B048-04	SVB-15	TO-15	2/28/2024	1344
24B048-05	SVB-16	TO-15	2/28/2024	1406
24B048-06	SVB-17	TO-15	2/28/2024	1428
24B048-07	SVB-18	TO-15	2/28/2024	1450
24B048-08	SVB-19	TO-15	2/28/2024	1512
24B048-09	Duplicate	TO-15	2/28/2024	1352

Airtech Environmental Laboratories (AEL)
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: March 1, 2024

Client:	Shanda Wagner	Work Order #:	24B048
Company:	EnCore Consulting, LLC	Project Name:	CK 2705326
Address:	950 W Elliot Rd., Ste 116	Project Number:	CK 2705326
	Tempe, AZ 85284	Received Date:	02/29/24

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T4: Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

Airtech Environmental Laboratories (AEL) - AZ 0740
4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	N/A
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	N/A
Lab ID:	Kits QC	**Matrix:**	Air

		Canister				Grab Sampler	
		Type		Vacuum	Pressure	Type	
	Client	1.0 liter		before sampled	after sampled	5 minute-fill 1.0L canister	
AEL#	ID	SN#	Clean Batch#	Hg inch	psia	SN#	Clean Batch#
24B048-01	Equipment Blank	E2407	2312-06	-29.0	32.00	113	2402-02
24B048-02	Field Blank	E2390	2401-06	-29.0	9.56	105	2402-02
24B048-03	SVB-14	E2391	2401-03	-29.0	10.38	151	2402-02
24B048-04	SVB-15	E2290	2402-06	-29.0	7.84	052	2402-02
24B048-05	SVB-16	E2100	2402-06	-29.0	11.50	146	2402-02
24B048-06	SVB-17	0904	2402-07	-29.0	10.38	039	2402-02
24B048-07	SVB-18	E2085	2402-06	-29.0	9.54	029	2402-02
24B048-08	SVB-19	E2283	2402-06	-29.0	10.20	157	2402-02
24B048-09	Duplicate	E2396	2401-12	-29.0	10.24	142	2402-02

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	Equipment Blank
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	01	**Matrix:**	Nitrogen

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.87	6.87		2	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/29/2024	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/29/2024	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 3.97	3.97		2	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.68	7.68		2	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/29/2024	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/29/2024	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.62	4.62		2	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	108-67-8
1,3-Butadiene	< 4.0	4.0	< 8.84	8.84		2	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/29/2024	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14.4	14.4		2	2/29/2024	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.66	4.66		2	2/29/2024	540-84-1
2-Butanone (MEK)	< 10	10	< 29.5	29.5		2	2/29/2024	78-93-3
2-Hexanone	< 10	10	< 41.0	41.0		2	2/29/2024	591-78-6
2-Propanol (IPA)	**27**	**10**	**66.4**	**24.5**		2	2/29/2024	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41.0	41.0		2	2/29/2024	108-10-1
Acetone	< 10	10	< 23.8	23.8		2	2/29/2024	67-64-1
Allyl chloride	< 4.0	4.0	< 12.5	12.5		2	2/29/2024	107-05-1
Benzene	< 1.0	1.0	< 3.19	3.19		2	2/29/2024	71-43-2
Benzyl chloride	< 4.0	4.0	< 20.7	20.7		2	2/29/2024	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.70	6.70		2	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.37	4.37		2	2/29/2024	593-60-2
Bromoform	< 1.0	1.0	< 10.3	10.3		2	2/29/2024	75-25-2
Bromomethane	< 1.0	1.0	< 3.88	3.88		2	2/29/2024	74-83-9
Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/29/2024	104-51-8
Carbon disulfide	< 10	10	< 31.1	31.1		2	2/29/2024	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.29	6.29		2	2/29/2024	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.60	4.60		2	2/29/2024	108-90-7
Chloroethane	< 4.0	4.0	< 10.6	10.6		2	2/29/2024	75-00-3
Chloroform	< 1.0	1.0	< 4.88	4.88		2	2/29/2024	67-66-3
Chloromethane	< 4.0	4.0	< 8.28	8.28		2	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/29/2024	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.44	3.44		2	2/29/2024	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.52	8.52		2	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.90	9.90		2	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 6.99	6.99		2	2/29/2024	76-14-2
Ethanol	**101**	**10**	**190**	**18.8**	T4	2	2/29/2024	64-17-5
Ethyl Acetate	< 4.0	4.0	< 14.4	14.4		2	2/29/2024	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.34	4.34		2	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	Equipment Blank
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	01	**Matrix:**	Nitrogen

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.10	4.10		2	2/29/2024	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21.3	21.3		2	2/29/2024	87-68-3
Hexane	< 2.0	2.0	< 7.04	7.04		2	2/29/2024	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.68	8.68		2	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14.4	14.4		2	2/29/2024	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.04	8.04		2	2/29/2024	108-87-2
Methylene chloride	< 4.0	4.0	< 13.9	13.9		2	2/29/2024	75-09-2
Naphthalene	< 10	10	< 52.4	52.4		2	2/29/2024	91-20-3
Nonane	< 2.0	2.0	< 10.5	10.5		2	2/29/2024	111-84-2
Octane	< 2.0	2.0	< 9.34	9.34		2	2/29/2024	111-65-9
o-Xylene	< 1.0	1.0	< 4.34	4.34		2	2/29/2024	95-47-6
Propene (Propylene)	< 4.0	4.0	< 6.88	6.88		2	2/29/2024	115-07-1
Propylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/29/2024	135-98-8
Styrene	< 1.0	1.0	< 4.26	4.26		2	2/29/2024	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/29/2024	98-06-6
Tetrachloroethene	< 2.0	2.0	< 13.6	13.6		2	2/29/2024	127-18-4
Tetrahydrofuran	< 10	10	< 29.5	29.5		2	2/29/2024	109-99-9
Toluene	< 1.0	1.0	< 3.77	3.77		2	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/29/2024	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.37	5.37		2	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.62	5.62		2	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.66	7.66		2	2/29/2024	76-13-1
Vinyl acetate	< 4.0	4.0	< 14.1	14.1		2	2/29/2024	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.56	2.56		2	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	99.2	70-130	%REC					

Tentatively Identified Compounds (TIC's)

No reportable TICS detected.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	Field Blank
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	02	**Matrix:**	Ambient Air

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 6.87	6.87		2	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 1.0	1.0	< 5.46	5.46		2	2/29/2024	79-00-5
1,1-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/29/2024	75-34-3
1,1-Dichloroethene	< 1.0	1.0	< 3.97	3.97		2	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 4.0	4.0	< 29.7	29.7		2	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	95-63-6
1,2-Dibromoethane	< 1.0	1.0	< 7.68	7.68		2	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/29/2024	95-50-1
1,2-Dichloroethane	< 1.0	1.0	< 4.05	4.05		2	2/29/2024	107-06-2
1,2-Dichloropropane	< 1.0	1.0	< 4.62	4.62		2	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	108-67-8
1,3-Butadiene	< 4.0	4.0	< 8.84	8.84		2	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 2.0	2.0	< 12.0	12.0		2	2/29/2024	106-46-7
1,4-Dioxane	< 4.0	4.0	< 14.4	14.4		2	2/29/2024	123-91-1
2,2,4-Trimethylpentane	< 1.0	1.0	< 4.66	4.66		2	2/29/2024	540-84-1
2-Butanone (MEK)	< 10	10	< 29.5	29.5		2	2/29/2024	78-93-3
2-Hexanone	< 10	10	< 41.0	41.0		2	2/29/2024	591-78-6
2-Propanol (IPA)	< 10	10	< 24.5	24.5		2	2/29/2024	67-63-0
4-Ethyltoluene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 10	10	< 41.0	41.0		2	2/29/2024	108-10-1
Acetone	< 10	10	< 23.8	23.8		2	2/29/2024	67-64-1
Allyl chloride	< 4.0	4.0	< 12.5	12.5		2	2/29/2024	107-05-1
Benzene	< 1.0	1.0	< 3.19	3.19		2	2/29/2024	71-43-2
Benzyl chloride	< 4.0	4.0	< 20.7	20.7		2	2/29/2024	100-44-7
Bromodichloromethane	< 1.0	1.0	< 6.70	6.70		2	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 4.37	4.37		2	2/29/2024	593-60-2
Bromoform	< 1.0	1.0	< 10.3	10.3		2	2/29/2024	75-25-2
Bromomethane	< 1.0	1.0	< 3.88	3.88		2	2/29/2024	74-83-9
Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/29/2024	104-51-8
Carbon disulfide	< 10	10	< 31.1	31.1		2	2/29/2024	75-15-0
Carbon tetrachloride	< 1.0	1.0	< 6.29	6.29		2	2/29/2024	56-23-5
Chlorobenzene	< 1.0	1.0	< 4.60	4.60		2	2/29/2024	108-90-7
Chloroethane	< 4.0	4.0	< 10.6	10.6		2	2/29/2024	75-00-3
Chloroform	< 1.0	1.0	< 4.88	4.88		2	2/29/2024	67-66-3
Chloromethane	< 4.0	4.0	< 8.28	8.28		2	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/29/2024	10061-01-5
Cyclohexane	< 1.0	1.0	< 3.44	3.44		2	2/29/2024	110-82-7
Dibromochloromethane	< 1.0	1.0	< 8.52	8.52		2	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 9.90	9.90		2	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 6.99	6.99		2	2/29/2024	76-14-2
Ethanol	**83**	**10**	**157**	**18.8**	T4	2	2/29/2024	64-17-5
Ethyl Acetate	< 4.0	4.0	< 14.4	14.4		2	2/29/2024	141-78-6
Ethylbenzene	< 1.0	1.0	< 4.34	4.34		2	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	Field Blank
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	02	**Matrix:**	Ambient Air

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	< 1.0	1.0	< 4.10	4.10		2	2/29/2024	142-82-5
Hexachlorobutadiene	< 2.0	2.0	< 21.3	21.3		2	2/29/2024	87-68-3
Hexane	< 2.0	2.0	< 7.04	7.04		2	2/29/2024	110-54-3
Isopropylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	98-82-8
m&p-Xylene	< 2.0	2.0	< 8.68	8.68		2	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 4.0	4.0	< 14.4	14.4		2	2/29/2024	1634-04-4
Methylcyclohexane	< 2.0	2.0	< 8.04	8.04		2	2/29/2024	108-87-2
Methylene chloride	< 4.0	4.0	< 13.9	13.9		2	2/29/2024	75-09-2
Naphthalene	< 10	10	< 52.4	52.4		2	2/29/2024	91-20-3
Nonane	< 2.0	2.0	< 10.5	10.5		2	2/29/2024	111-84-2
Octane	< 2.0	2.0	< 9.34	9.34		2	2/29/2024	111-65-9
o-Xylene	< 1.0	1.0	< 4.34	4.34		2	2/29/2024	95-47-6
Propene (Propylene)	< 4.0	4.0	< 6.88	6.88		2	2/29/2024	115-07-1
Propylbenzene	< 2.0	2.0	< 9.84	9.84		2	2/29/2024	103-65-1
Sec-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/29/2024	135-98-8
Styrene	< 1.0	1.0	< 4.26	4.26		2	2/29/2024	100-42-5
Tert-Butyl benzene	< 2.0	2.0	< 11.0	11.0		2	2/29/2024	98-06-6
Tetrachloroethene	< 2.0	2.0	< 13.6	13.6		2	2/29/2024	127-18-4
Tetrahydrofuran	< 10	10	< 29.5	29.5		2	2/29/2024	109-99-9
Toluene	< 1.0	1.0	< 3.77	3.77		2	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 1.0	1.0	< 3.96	3.96		2	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 1.0	1.0	< 4.54	4.54		2	2/29/2024	10061-02-6
Trichloroethene	< 1.0	1.0	< 5.37	5.37		2	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 5.62	5.62		2	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 7.66	7.66		2	2/29/2024	76-13-1
Vinyl acetate	< 4.0	4.0	< 14.1	14.1		2	2/29/2024	108-05-4
Vinyl chloride	< 1.0	1.0	< 2.56	2.56		2	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	105	70-130	%REC					

Tentatively Identified Compounds (TIC's)

No reportable TICS detected.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-14
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 2,000	2,000	< 10,900	10,900		4,000	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 2,000	2,000	< 13,700	13,700		4,000	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 2,000	2,000	< 10,900	10,900		4,000	2/29/2024	79-00-5
1,1-Dichloroethane	< 2,000	2,000	< 8,100	8,100		4,000	2/29/2024	75-34-3
1,1-Dichloroethene	< 2,000	2,000	< 7,940	7,940		4,000	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 8,000	8,000	< 59,400	59,400		4,000	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/29/2024	95-63-6
1,2-Dibromoethane	< 2,000	2,000	< 15,400	15,400		4,000	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/29/2024	95-50-1
1,2-Dichloroethane	< 2,000	2,000	< 8,100	8,100		4,000	2/29/2024	107-06-2
1,2-Dichloropropane	< 2,000	2,000	< 9,240	9,240		4,000	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/29/2024	108-67-8
1,3-Butadiene	< 8,000	8,000	< 17,700	17,700		4,000	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 4,000	4,000	< 24,000	24,000		4,000	2/29/2024	106-46-7
1,4-Dioxane	< 8,000	8,000	< 28,800	28,800		4,000	2/29/2024	123-91-1
2,2,4-Trimethylpentane	**6,360**	**2,000**	**29,600**	**9,320**		4,000	2/29/2024	540-84-1
2-Butanone (MEK)	< 20,000	20,000	< 59,000	59,000		4,000	2/29/2024	78-93-3
2-Hexanone	< 20,000	20,000	< 82,000	82,000		4,000	2/29/2024	591-78-6
2-Propanol (IPA)	< 20,000	20,000	< 49,000	49,000		4,000	2/29/2024	67-63-0
4-Ethyltoluene	< 4,000	4,000	< 19,700	19,700		4,000	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 20,000	20,000	< 82,000	82,000		4,000	2/29/2024	108-10-1
Acetone	< 20,000	20,000	< 47,600	47,600		4,000	2/29/2024	67-64-1
Allyl chloride	< 8,000	8,000	< 25,000	25,000		4,000	2/29/2024	107-05-1
Benzene	< 2,000	2,000	< 6,380	6,380		4,000	2/29/2024	71-43-2
Benzyl chloride	< 8,000	8,000	< 41,400	41,400		4,000	2/29/2024	100-44-7
Bromodichloromethane	< 2,000	2,000	< 13,400	13,400		4,000	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 2,000	2,000	< 8,740	8,740		4,000	2/29/2024	593-60-2
Bromoform	< 2,000	2,000	< 20,700	10,700		4,000	2/29/2024	75-25-2
Bromomethane	< 2,000	2,000	< 7,760	7,760		4,000	2/29/2024	74-83-9
Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/29/2024	104-51-8
Carbon disulfide	< 20,000	20,000	< 62,200	62,200		4,000	2/29/2024	75-15-0
Carbon tetrachloride	< 2,000	2,000	< 12,600	12,600		4,000	2/29/2024	56-23-5
Chlorobenzene	< 2,000	2,000	< 9,200	9,200		4,000	2/29/2024	108-90-7
Chloroethane	< 8,000	8,000	< 21,100	21,100		4,000	2/29/2024	75-00-3
Chloroform	< 2,000	2,000	< 9,760	9,760		4,000	2/29/2024	67-66-3
Chloromethane	< 8,000	8,000	< 16,560	16,600		4,000	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 2,000	2,000	< 7,920	16,600		4,000	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 2,000	2,000	< 9,080	9,080		4,000	2/29/2024	542-75-6
Cyclohexane	**8,000**	**2,000**	**27,500**	**6,880**		4,000	2/29/2024	110-82-7
Dibromochloromethane	< 2,000	2,000	< 17,000	17,000		4,000	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 8,000	8,000	< 39,600	39,600		4,000	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 2,000	2,000	< 14,000	14,000		4,000	2/29/2024	76-14-2
Ethanol	< 20,000	20,000	< 37,600	37,600	T4	4,000	2/29/2024	64-17-5
Ethyl Acetate	< 8,000	8,000	< 28,800	28,800		4,000	2/29/2024	141-78-6
Ethylbenzene	< 2,000	2,000	< 8,680	8,680		4,000	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-14
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	03	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 2,000	2,000	< 8,200	8,200		4,000	2/29/2024	142-82-5
Hexachlorobutadiene	< 4,000	4,000	< 42,700	42,700		4,000	2/29/2024	87-68-3
Hexane	**14,000**	**4,000**	**49,300**	**14,100**		4,000	2/29/2024	110-54-3
Isopropylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/29/2024	98-82-8
m&p-Xylene	< 4,000	4,000	< 17,400	17,400		4,000	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 8,000	8,000	< 28,900	28,900		4,000	2/29/2024	1634-04-4
Methylcyclohexane	< 4,000	4,000	< 16,100	16,100		4,000	2/29/2024	108-87-2
Methylene chloride	< 8,000	8,000	< 27,800	27,800		4,000	2/29/2024	75-09-2
Naphthalene	< 20,000	20,000	< 105,000	105,000		4,000	2/29/2024	91-20-3
Nonane	< 4,000	4,000	< 21,000	21,000		4,000	2/29/2024	111-84-2
Octane	< 4,000	4,000	< 18,700	18,700		4,000	2/29/2024	111-65-9
o-Xylene	< 2,000	2,000	< 8,680	8,680		4,000	2/29/2024	95-47-6
Propene (Propylene)	< 8,000	8,000	< 13,800	13,800		4,000	2/29/2024	115-07-1
Propylbenzene	< 4,000	4,000	< 19,700	19,700		4,000	2/29/2024	103-65-1
Sec-Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/29/2024	135-98-8
Styrene	< 2,000	2,000	< 8,520	8,520		4,000	2/29/2024	100-42-5
Tert-Butyl benzene	< 4,000	4,000	< 22,000	22,000		4,000	2/29/2024	98-06-6
Tetrachloroethene	< 4,000	4,000	< 27,100	27,100		4,000	2/29/2024	127-18-4
Tetrahydrofuran	< 20,000	20,000	< 59,000	59,000		4,000	2/29/2024	109-99-9
Toluene	< 2,000	2,000	< 7,540	7,540		4,000	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 2,000	2,000	< 7,920	7,920		4,000	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 2,000	2,000	< 9,080	9,080		4,000	2/29/2024	542-75-6
Trichloroethene	< 2,000	2,000	< 10,700	10,700		4,000	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 2,000	2,000	< 11,200	11,200		4,000	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 2,000	2,000	< 15,300	15,300		4,000	2/29/2024	76-13-1
Vinyl acetate	< 8,000	8,000	< 28,200	28,200		4,000	2/29/2024	108-05-4
Vinyl chloride	< 2,000	2,000	< 5,120	5,120		4,000	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	101	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	55,600	40,000	ppbv		T4	4,000	2/29/2024
Butane	211,000	40,000	ppbv		T4	4,000	2/29/2024
Methyl butane	113,000	40,000	ppbv		T4	4,000	2/29/2024
Pentane	45,200	40,000	ppbv		T4	4,000	2/29/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-15
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 1,000	1,000	< 5,460	5,460		2,000	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 1,000	1,000	< 6,870	6,870		2,000	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 1,000	1,000	< 5,460	5,460		2,000	2/29/2024	79-00-5
1,1-Dichloroethane	< 1,000	1,000	< 4,050	4,050		2,000	2/29/2024	75-34-3
1,1-Dichloroethene	< 1,000	1,000	< 3,970	3,970		2,000	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 4,000	4,000	< 29,700	29,700		2,000	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	95-63-6
1,2-Dibromoethane	< 1,000	1,000	< 7,680	7,680		2,000	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 2,000	2,000	< 12,000	12,000		2,000	2/29/2024	95-50-1
1,2-Dichloroethane	< 1,000	1,000	< 4,050	4,050		2,000	2/29/2024	107-06-2
1,2-Dichloropropane	< 1,000	1,000	< 4,620	4,620		2,000	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	108-67-8
1,3-Butadiene	< 4,000	4,000	< 8,840	8,840		2,000	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 2,000	2,000	< 12,000	12,000		2,000	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 2,000	2,000	< 12,000	12,000		2,000	2/29/2024	106-46-7
1,4-Dioxane	< 4,000	4,000	< 14,400	14,400		2,000	2/29/2024	123-91-1
2,2,4-Trimethylpentane	**11,700**	**1,000**	**54,500**	**4,660**		2,000	2/29/2024	540-84-1
2-Butanone (MEK)	< 10,000	10,000	< 29,500	29,500		2,000	2/29/2024	78-93-3
2-Hexanone	< 10,000	10,000	< 41,000	41,000		2,000	2/29/2024	591-78-6
2-Propanol (IPA)	< 10,000	10,000	< 24,500	24,500		2,000	2/29/2024	67-63-0
4-Ethyltoluene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 10,000	10,000	< 41,000	41,000		2,000	2/29/2024	108-10-1
Acetone	< 10,000	10,000	< 23,800	23,800		2,000	2/29/2024	67-64-1
Allyl chloride	< 4,000	4,000	< 12,500	12,500		2,000	2/29/2024	107-05-1
Benzene	< 1,000	1,000	< 3,190	3,190		2,000	2/29/2024	71-43-2
Benzyl chloride	< 4,000	4,000	< 20,700	20,700		2,000	2/29/2024	100-44-7
Bromodichloromethane	< 1,000	1,000	< 6,700	6,700		2,000	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 1,000	1,000	< 4,370	4,370		2,000	2/29/2024	593-60-2
Bromoform	< 1,000	1,000	< 10,300	10,300		2,000	2/29/2024	75-25-2
Bromomethane	< 1,000	1,000	< 3,880	3,880		2,000	2/29/2024	74-83-9
Butyl benzene	< 2,000	2,000	< 11,000	11,000		2,000	2/29/2024	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		2,000	2/29/2024	75-15-0
Carbon tetrachloride	< 1,000	1,000	< 6,290	6,290		2,000	2/29/2024	56-23-5
Chlorobenzene	< 1,000	1,000	< 4,600	4,600		2,000	2/29/2024	108-90-7
Chloroethane	< 4,000	4,000	< 10,600	10,600		2,000	2/29/2024	75-00-3
Chloroform	< 1,000	1,000	< 4,880	4,880		2,000	2/29/2024	67-66-3
Chloromethane	< 4,000	4,000	< 8,280	8,280		2,000	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 1,000	1,000	< 3,960	3,960		2,000	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 1,000	1,000	< 4,540	4,540		2,000	2/29/2024	10061-01-5
Cyclohexane	**17,700**	**1,000**	**60,900**	**3,440**		2,000	2/29/2024	110-82-7
Dibromochloromethane	< 1,000	1,000	< 8,520	8,520		2,000	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 2,000	2,000	< 9,900	9,900		2,000	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1,000	1,000	< 6,990	6,990		2,000	2/29/2024	76-14-2
Ethanol	< 10,000	10,000	< 18,800	18,800	T4	2,000	2/29/2024	64-17-5
Ethyl Acetate	< 4,000	4,000	< 14,400	14,400		2,000	2/29/2024	141-78-6
Ethylbenzene	< 1,000	1,000	< 4,340	4,340		2,000	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-15
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	04	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**3,440**	**1,000**	**14,100**	**4,100**		2,000	2/29/2024	142-82-5
Hexachlorobutadiene	< 2,000	2,000	< 21,300	21,300		2,000	2/29/2024	87-68-3
Hexane	**39,800**	**2,000**	**140,000**	**7,040**		2,000	2/29/2024	110-54-3
Isopropylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	98-82-8
m&p-Xylene	< 2,000	2,000	< 8,680	8,680		2,000	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 4,000	4,000	< 14,400	14,400		2,000	2/29/2024	1634-04-4
Methylcyclohexane	**5,000**	**2,000**	**20,100**	**8,040**		2,000	2/29/2024	108-87-2
Methylene chloride	< 4,000	4,000	< 13,900	13,900		2,000	2/29/2024	75-09-2
Naphthalene	< 10,000	10,000	< 52,400	52,400		2,000	2/29/2024	91-20-3
Nonane	< 2,000	2,000	< 10,500	10,500		2,000	2/29/2024	111-84-2
Octane	< 2,000	2,000	< 9,340	9,340		2,000	2/29/2024	111-65-9
o-Xylene	< 1,000	1,000	< 4,340	4,340		2,000	2/29/2024	95-47-6
Propene (Propylene)	< 4,000	4,000	< 6,880	6,880		2,000	2/29/2024	115-07-1
Propylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	103-65-1
Sec-Butyl benzene	< 2,000	2,000	< 11,000	11,000		2,000	2/29/2024	135-98-8
Styrene	< 1,000	1,000	< 4,260	4,260		2,000	2/29/2024	100-42-5
Tert-Butyl benzene	< 2,000	2,000	< 11,000	11,000		2,000	2/29/2024	98-06-6
Tetrachloroethene	< 2,000	2,000	< 13,600	13,600		2,000	2/29/2024	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		2,000	2/29/2024	109-99-9
Toluene	< 1,000	1,000	< 3,770	3,770		2,000	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 1,000	1,000	< 3,960	3,960		2,000	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 1,000	1,000	< 4,540	4,540		2,000	2/29/2024	10061-02-6
Trichloroethene	< 1,000	1,000	< 5,370	5,370		2,000	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 1,000	1,000	< 5,620	5,620		2,000	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 1,000	1,000	< 7,660	7,660		2,000	2/29/2024	76-13-1
Vinyl acetate	< 4,000	4,000	< 14,100	14,100		2,000	2/29/2024	108-05-4
Vinyl chloride	< 1,000	1,000	< 2,560	2,560		2,000	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	99.2	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	75,400	20,000	ppbv	T4	2,000	2/29/2024
Butane	263,000	20,000	ppbv	T4	2,000	2/29/2024
Methyl butane	164,000	20,000	ppbv	T4	2,000	2/29/2024
Pentane	74,200	20,000	ppbv	T4	2,000	2/29/2024
Methyl pentane	54,400	20,000	ppbv	T4	2,000	2/29/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-16
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 1,000	1,000	< 5,460	5,460		2,000	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 1,000	1,000	< 6,870	6,870		2,000	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 1,000	1,000	< 5,460	5,460		2,000	2/29/2024	79-00-5
1,1-Dichloroethane	< 1,000	1,000	< 4,050	4,050		2,000	2/29/2024	75-34-3
1,1-Dichloroethene	< 1,000	1,000	< 3,970	3,970		2,000	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 4,000	4,000	< 29,700	29,700		2,000	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	95-63-6
1,2-Dibromoethane	< 1,000	1,000	< 7,680	7,680		2,000	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 2,000	2,000	< 12,000	12,000		2,000	2/29/2024	95-50-1
1,2-Dichloroethane	< 1,000	1,000	< 4,050	4,050		2,000	2/29/2024	107-06-2
1,2-Dichloropropane	< 1,000	1,000	< 4,620	4,620		2,000	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	108-67-8
1,3-Butadiene	< 4,000	4,000	< 8,840	8,840		2,000	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 2,000	2,000	< 12,000	12,000		2,000	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 2,000	2,000	< 12,000	12,000		2,000	2/29/2024	106-46-7
1,4-Dioxane	< 4,000	4,000	< 14,400	14,400		2,000	2/29/2024	123-91-1
2,2,4-Trimethylpentane	**6,180**	**1,000**	**28,800**	**4,660**		2,000	2/29/2024	540-84-1
2-Butanone (MEK)	< 10,000	10,000	< 29,500	29,500		2,000	2/29/2024	78-93-3
2-Hexanone	< 10,000	10,000	< 41,000	41,000		2,000	2/29/2024	591-78-6
2-Propanol (IPA)	< 10,000	10,000	< 24,500	24,500		2,000	2/29/2024	67-63-0
4-Ethyltoluene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 10,000	10,000	< 41,000	41,000		2,000	2/29/2024	108-10-1
Acetone	< 10,000	10,000	< 23,800	23,800		2,000	2/29/2024	67-64-1
Allyl chloride	< 4,000	4,000	< 12,500	12,500		2,000	2/29/2024	107-05-1
Benzene	< 1,000	1,000	< 3,190	3,190		2,000	2/29/2024	71-43-2
Benzyl chloride	< 4,000	4,000	< 20,700	20,700		2,000	2/29/2024	100-44-7
Bromodichloromethane	< 1,000	1,000	< 6,700	6,700		2,000	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 1,000	1,000	< 4,370	4,370		2,000	2/29/2024	593-60-2
Bromoform	< 1,000	1,000	< 10,300	10,300		2,000	2/29/2024	75-25-2
Bromomethane	< 1,000	1,000	< 3,880	3,880		2,000	2/29/2024	74-83-9
Butyl benzene	< 2,000	2,000	< 11,000	11,000		2,000	2/29/2024	104-51-8
Carbon disulfide	< 10,000	10,000	< 31,100	31,100		2,000	2/29/2024	75-15-0
Carbon tetrachloride	< 1,000	1,000	< 6,290	6,290		2,000	2/29/2024	56-23-5
Chlorobenzene	< 1,000	1,000	< 4,600	4,600		2,000	2/29/2024	108-90-7
Chloroethane	< 4,000	4,000	< 10,600	10,600		2,000	2/29/2024	75-00-3
Chloroform	< 1,000	1,000	< 4,880	4,880		2,000	2/29/2024	67-66-3
Chloromethane	< 4,000	4,000	< 8,280	8,280		2,000	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 1,000	1,000	< 3,960	3,960		2,000	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 1,000	1,000	< 4,540	4,540		2,000	2/29/2024	10061-01-5
Cyclohexane	**9,820**	**1,000**	**33,800**	**3,440**		2,000	2/29/2024	110-82-7
Dibromochloromethane	< 1,000	1,000	< 8,520	8,520		2,000	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 2,000	2,000	< 9,900	9,900		2,000	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 1,000	1,000	< 6,990	6,990		2,000	2/29/2024	76-14-2
Ethanol	< 10,000	10,000	< 18,800	18,800	T4	2,000	2/29/2024	64-17-5
Ethyl Acetate	< 4,000	4,000	< 14,400	14,400		2,000	2/29/2024	141-78-6
Ethylbenzene	< 1,000	1,000	< 4,340	4,340		2,000	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-16
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	05	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**1,600**	**1,000**	**6,560**	**4,100**		2,000	2/29/2024	142-82-5
Hexachlorobutadiene	< 2,000	2,000	< 21,300	21,300		2,000	2/29/2024	87-68-3
Hexane	**25,000**	**2,000**	**88,000**	**7,040**		2,000	2/29/2024	110-54-3
Isopropylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	98-82-8
m&p-Xylene	< 2,000	2,000	< 8,680	8,680		2,000	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 4,000	4,000	< 14,400	14,400		2,000	2/29/2024	1634-04-4
Methylcyclohexane	**2,480**	**2,000**	**9,970**	**8,040**		2,000	2/29/2024	108-87-2
Methylene chloride	< 4,000	4,000	< 13,900	13,900		2,000	2/29/2024	75-09-2
Naphthalene	< 10,000	10,000	< 52,400	52,400		2,000	2/29/2024	91-20-3
Nonane	< 2,000	2,000	< 10,500	10,500		2,000	2/29/2024	111-84-2
Octane	< 2,000	2,000	< 9,340	9,340		2,000	2/29/2024	111-65-9
o-Xylene	< 1,000	1,000	< 4,340	4,340		2,000	2/29/2024	95-47-6
Propene (Propylene)	< 4,000	4,000	< 6,880	6,880		2,000	2/29/2024	115-07-1
Propylbenzene	< 2,000	2,000	< 9,840	9,840		2,000	2/29/2024	103-65-1
Sec-Butyl benzene	< 2,000	2,000	< 11,000	11,000		2,000	2/29/2024	135-98-8
Styrene	< 1,000	1,000	< 4,260	4,260		2,000	2/29/2024	100-42-5
Tert-Butyl benzene	< 2,000	2,000	< 11,000	11,000		2,000	2/29/2024	98-06-6
Tetrachloroethene	< 2,000	2,000	< 13,600	13,600		2,000	2/29/2024	127-18-4
Tetrahydrofuran	< 10,000	10,000	< 29,500	29,500		2,000	2/29/2024	109-99-9
Toluene	< 1,000	1,000	< 3,770	3,770		2,000	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 1,000	1,000	< 3,960	3,960		2,000	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 1,000	1,000	< 4,540	4,540		2,000	2/29/2024	10061-02-6
Trichloroethene	< 1,000	1,000	< 5,370	5,370		2,000	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 1,000	1,000	< 5,620	5,620		2,000	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 1,000	1,000	< 7,660	7,660		2,000	2/29/2024	76-13-1
Vinyl acetate	< 4,000	4,000	< 14,100	14,100		2,000	2/29/2024	108-05-4
Vinyl chloride	< 1,000	1,000	< 2,560	2,560		2,000	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	98.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	60,000	20,000	ppbv		T4	2,000	2/29/2024
Butane	217,000	20,000	ppbv		T4	2,000	2/29/2024
Methyl butane	126,000	20,000	ppbv		T4	2,000	2/29/2024
Pentane	56,600	20,000	ppbv		T4	2,000	2/29/2024
Methyl pentane	37,200	20,000	ppbv		T4	2,000	2/29/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-17
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 500	500	< 2,730	2,730		1,000	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 500	500	< 3,440	3,440		1,000	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 500	500	< 2,730	2,730		1,000	2/29/2024	79-00-5
1,1-Dichloroethane	< 500	500	< 2,030	2,030		1,000	2/29/2024	75-34-3
1,1-Dichloroethene	< 500	500	< 1,990	1,990		1,000	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 2,000	2,000	< 14,840	14,840		1,000	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	95-63-6
1,2-Dibromoethane	< 500	500	< 3,840	3,840		1,000	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/29/2024	95-50-1
1,2-Dichloroethane	< 500	500	< 2,030	2,030		1,000	2/29/2024	107-06-2
1,2-Dichloropropane	< 500	500	< 2,310	2,310		1,000	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	108-67-8
1,3-Butadiene	< 2,000	2,000	< 4,420	4,420		1,000	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/29/2024	106-46-7
1,4-Dioxane	< 2,000	2,000	< 7,200	7,200		1,000	2/29/2024	123-91-1
2,2,4-Trimethylpentane	**1,740**	**500**	**8,110**	**2,330**		1,000	2/29/2024	540-84-1
2-Butanone (MEK)	< 5,000	5,000	< 14,800	14,800		1,000	2/29/2024	78-93-3
2-Hexanone	< 5,000	5,000	< 20,500	20,500		1,000	2/29/2024	591-78-6
2-Propanol (IPA)	< 5,000	5,000	< 12,300	12,300		1,000	2/29/2024	67-63-0
4-Ethyltoluene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 5,000	5,000	< 20,500	20,500		1,000	2/29/2024	108-10-1
Acetone	< 5,000	5,000	< 11,900	11,900		1,000	2/29/2024	67-64-1
Allyl chloride	< 2,000	2,000	< 6,260	6,260		1,000	2/29/2024	107-05-1
Benzene	< 500	500	< 1,600	1,600		1,000	2/29/2024	71-43-2
Benzyl chloride	< 2,000	2,000	< 10,400	10,400		1,000	2/29/2024	100-44-7
Bromodichloromethane	< 500	500	< 3,350	3,350		1,000	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 500	500	< 2,190	2,190		1,000	2/29/2024	593-60-2
Bromoform	< 500	500	< 5,170	5,170		1,000	2/29/2024	75-25-2
Bromomethane	< 500	500	< 1,940	1,940		1,000	2/29/2024	74-83-9
Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/29/2024	104-51-8
Carbon disulfide	< 5,000	5,000	< 15,600	15,600		1,000	2/29/2024	75-15-0
Carbon tetrachloride	< 500	500	< 3,150	3,150		1,000	2/29/2024	56-23-5
Chlorobenzene	< 500	500	< 2,300	2,300		1,000	2/29/2024	108-90-7
Chloroethane	< 2,000	2,000	< 5,280	5,280		1,000	2/29/2024	75-00-3
Chloroform	< 500	500	< 2,440	2,440		1,000	2/29/2024	67-66-3
Chloromethane	< 2,000	2,000	< 4,140	4,140		1,000	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1,000	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1,000	2/29/2024	10061-01-5
Cyclohexane	**3,000**	**500**	**10,300**	**1,720**		1,000	2/29/2024	110-82-7
Dibromochloromethane	< 500	500	< 4,260	4,260		1,000	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 1,000	1,000	< 4,950	4,950		1,000	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 500	500	< 3,500	3,500		1,000	2/29/2024	76-14-2
Ethanol	< 5,000	5,000	< 9,400	9,400	T4	1,000	2/29/2024	64-17-5
Ethyl Acetate	< 2,000	2,000	< 7,200	7,200		1,000	2/29/2024	141-78-6
Ethylbenzene	< 500	500	< 2,170	2,170		1,000	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-17
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	06	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 500	500	< 2,050	2,050		1,000	2/29/2024	142-82-5
Hexachlorobutadiene	< 1,000	1,000	< 10,700	10,700		1,000	2/29/2024	87-68-3
Hexane	**9,510**	**1,000**	**33,500**	**3,520**		1,000	2/29/2024	110-54-3
Isopropylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	98-82-8
m&p-Xylene	< 1,000	1,000	< 4,340	4,340		1,000	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 2,000	2,000	< 7,220	7,220		1,000	2/29/2024	1634-04-4
Methylcyclohexane	< 1,000	1,000	< 4,020	4,020		1,000	2/29/2024	108-87-2
Methylene chloride	< 2,000	2,000	< 6,940	6,940		1,000	2/29/2024	75-09-2
Naphthalene	< 5,000	5,000	< 26,200	26,200		1,000	2/29/2024	91-20-3
Nonane	< 1,000	1,000	< 5,240	5,240		1,000	2/29/2024	111-84-2
Octane	< 1,000	1,000	< 4,670	4,670		1,000	2/29/2024	111-65-9
o-Xylene	< 500	500	< 2,170	2,170		1,000	2/29/2024	95-47-6
Propene (Propylene)	< 2,000	2,000	< 3,440	3,440		1,000	2/29/2024	115-07-1
Propylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	103-65-1
Sec-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/29/2024	135-98-8
Styrene	< 500	500	< 2,130	2,130		1,000	2/29/2024	100-42-5
Tert-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/29/2024	98-06-6
Tetrachloroethene	< 1,000	1,000	< 6,780	6,780		1,000	2/29/2024	127-18-4
Tetrahydrofuran	< 5,000	5,000	< 14,800	14,800		1,000	2/29/2024	109-99-9
Toluene	< 500	500	< 1,890	1,890		1,000	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1,000	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1,000	2/29/2024	10061-02-6
Trichloroethene	< 500	500	< 2,690	2,690		1,000	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 500	500	< 2,810	2,810		1,000	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 500	500	< 3,830	3,830		1,000	2/29/2024	76-13-1
Vinyl acetate	< 2,000	2,000	< 7,040	7,040		1,000	2/29/2024	108-05-4
Vinyl chloride	< 500	500	< 1,280	1,280		1,000	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	98.5	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	33,800	10,000	ppbv	T4	1,000	2/29/2024
Butane	112,000	10,000	ppbv	T4	1,000	2/29/2024
Methyl butane	66,100	10,000	ppbv	T4	1,000	2/29/2024
Pentane	26,300	10,000	ppbv	T4	1,000	2/29/2024
Methyl pentane	17,200	10,000	ppbv	T4	1,000	2/29/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-18
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 100	100	< 546	546		200	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 100	100	< 687	687		200	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 100	100	< 546	546		200	2/29/2024	79-00-5
1,1-Dichloroethane	< 100	100	< 405	405		200	2/29/2024	75-34-3
1,1-Dichloroethene	< 100	100	< 397	397		200	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 400	400	< 2,970	2,970		200	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 200	200	< 984	984		200	2/29/2024	95-63-6
1,2-Dibromoethane	< 100	100	< 768	768		200	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 200	200	< 1,202	1,202		200	2/29/2024	95-50-1
1,2-Dichloroethane	< 100	100	< 405	405		200	2/29/2024	107-06-2
1,2-Dichloropropane	< 100	100	< 462	462		200	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 200	200	< 984	984		200	2/29/2024	108-67-8
1,3-Butadiene	< 400	400	< 884	884		200	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 200	200	< 1,200	1,200		200	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 200	200	< 1,200	1,200		200	2/29/2024	106-46-7
1,4-Dioxane	< 400	400	< 1,440	1,440		200	2/29/2024	123-91-1
2,2,4-Trimethylpentane	**386**	**100**	**1,800**	**466**		200	2/29/2024	540-84-1
2-Butanone (MEK)	< 1,000	1,000	< 2,950	2,950		200	2/29/2024	78-93-3
2-Hexanone	< 1,000	1,000	< 4,100	4,100		200	2/29/2024	591-78-6
2-Propanol (IPA)	< 1,000	1,000	< 2,450	2,450		200	2/29/2024	67-63-0
4-Ethyltoluene	< 200	200	< 984	984		200	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 1,000	1,000	< 4,100	4,100		200	2/29/2024	108-10-1
Acetone	< 1,000	1,000	< 2,380	2,380		200	2/29/2024	67-64-1
Allyl chloride	< 400	400	< 1,250	1,250		200	2/29/2024	107-05-1
Benzene	< 100	100	< 319	319		200	2/29/2024	71-43-2
Benzyl chloride	< 400	400	< 2,070	2,070		200	2/29/2024	100-44-7
Bromodichloromethane	< 100	100	< 670	670		200	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 100	100	< 437	437		200	2/29/2024	593-60-2
Bromoform	< 100	100	< 10,300	10,300		200	2/29/2024	75-25-2
Bromomethane	< 100	100	< 388	388		200	2/29/2024	74-83-9
Butyl benzene	< 200	200	< 1,100	1,100		200	2/29/2024	104-51-8
Carbon disulfide	< 1,000	1,000	< 3,110	3,110		200	2/29/2024	75-15-0
Carbon tetrachloride	< 100	100	< 629	629		200	2/29/2024	56-23-5
Chlorobenzene	< 100	100	< 460	460		200	2/29/2024	108-90-7
Chloroethane	< 400	400	< 1,060	1,060		200	2/29/2024	75-00-3
Chloroform	< 100	100	< 488	488		200	2/29/2024	67-66-3
Chloromethane	< 400	400	< 828	828		200	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 100	100	< 396	396		200	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 100	100	< 454	454		200	2/29/2024	10061-01-5
Cyclohexane	**614**	**100**	**2,110**	**344**		200	2/29/2024	110-82-7
Dibromochloromethane	< 100	100	< 852	852		200	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 200	200	< 990	990		200	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 100	100	< 699	699		200	2/29/2024	76-14-2
Ethanol	**1,120**	**1,000**	**2,110**	**1,880**	T4	200	2/29/2024	64-17-5
Ethyl Acetate	< 400	400	< 1,440	1,440		200	2/29/2024	141-78-6
Ethylbenzene	< 100	100	< 434	434		200	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-18
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	07	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 100	100	< 410	410		200	2/29/2024	142-82-5
Hexachlorobutadiene	< 200	200	< 2,130	2,130		200	2/29/2024	87-68-3
Hexane	**1,660**	**200**	**5,840**	**704**		200	2/29/2024	110-54-3
Isopropylbenzene	< 200	200	< 984	984		200	2/29/2024	98-82-8
m&p-Xylene	< 200	200	< 868	868		200	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 400	400	< 1,440	1,440		200	2/29/2024	1634-04-4
Methylcyclohexane	< 200	200	< 804	804		200	2/29/2024	108-87-2
Methylene chloride	< 400	400	< 1,390	1,390		200	2/29/2024	75-09-2
Naphthalene	< 1,000	1,000	< 5,240	5,240		200	2/29/2024	91-20-3
Nonane	< 200	200	< 1,050	1,050		200	2/29/2024	111-84-2
Octane	< 200	200	< 934	934		200	2/29/2024	111-65-9
o-Xylene	< 100	100	< 434	434		200	2/29/2024	95-47-6
Propene (Propylene)	< 400	400	< 688	688		200	2/29/2024	115-07-1
Propylbenzene	< 200	200	< 984	984		200	2/29/2024	103-65-1
Sec-Butyl benzene	< 200	200	< 1,100	1,100		200	2/29/2024	135-98-8
Styrene	< 100	100	< 426	426		200	2/29/2024	100-42-5
Tert-Butyl benzene	< 200	200	< 1,100	1,100		200	2/29/2024	98-06-6
Tetrachloroethene	< 200	200	< 1,360	1,360		200	2/29/2024	127-18-4
Tetrahydrofuran	< 1,000	1,000	< 2,950	2,950		200	2/29/2024	109-99-9
Toluene	< 100	100	< 377	377		200	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 100	100	< 396	396		200	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 100	100	< 454	454		200	2/29/2024	10061-02-6
Trichloroethene	< 100	100	< 537	537		200	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 100	100	< 562	562		200	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 100	100	< 766	766		200	2/29/2024	76-13-1
Vinyl acetate	< 400	400	< 1,410	1,410		200	2/29/2024	108-05-4
Vinyl chloride	< 100	100	< 256	256		200	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	99.3	70-130	%REC					
Tentatively Identified Compounds (TIC's)								
Isobutane	8,600	2,000	ppbv		T4	200	2/29/2024	
Butane	23,000	2,000	ppbv		T4	200	2/29/2024	
Methyl butane	14,900	2,000	ppbv		T4	200	2/29/2024	
Pentane	4,780	2,000	ppbv		T4	200	2/29/2024	
Methyl pentane	3,580	2,000	ppbv		T4	200	2/29/2024	

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-19
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
1,1,1-Trichloroethane	< 10	10	< 54.6	54.6		20	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 10	10	< 68.7	68.7		20	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 10	10	< 54.6	54.6		20	2/29/2024	79-00-5
1,1-Dichloroethane	< 10	10	< 40.5	40.5		20	2/29/2024	75-34-3
1,1-Dichloroethene	< 10	10	< 39.7	39.7		20	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 40	40	< 297	297		20	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 20	20	< 98.4	98.4		20	2/29/2024	95-63-6
1,2-Dibromoethane	< 10	10	< 76.8	76.8		20	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 20	20	< 120	120		20	2/29/2024	95-50-1
1,2-Dichloroethane	< 10	10	< 40.5	40.5		20	2/29/2024	107-06-2
1,2-Dichloropropane	< 10	10	< 46.2	46.2		20	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 20	20	< 98.4	98.4		20	2/29/2024	108-67-8
1,3-Butadiene	< 40	40	< 88.4	88.4		20	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 20	20	< 120	120		20	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 20	20	< 120	120		20	2/29/2024	106-46-7
1,4-Dioxane	< 40	40	< 144	144		20	2/29/2024	123-91-1
2,2,4-Trimethylpentane	**69**	**10**	**321**	**46.6**		20	2/29/2024	540-84-1
2-Butanone (MEK)	< 100	100	< 295	295		20	2/29/2024	78-93-3
2-Hexanone	< 100	100	< 410	410		20	2/29/2024	591-78-6
2-Propanol (IPA)	< 100	100	< 245	245		20	2/29/2024	67-63-0
4-Ethyltoluene	< 20	20	< 98.4	98.4		20	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 100	100	< 410	410		20	2/29/2024	108-10-1
Acetone	< 100	100	< 238	238		20	2/29/2024	67-64-1
Allyl chloride	< 40	40	< 125	125		20	2/29/2024	107-05-1
Benzene	**11**	**10**	**35.7**	**31.9**		20	2/29/2024	71-43-2
Benzyl chloride	< 40	40	< 207	207		20	2/29/2024	100-44-7
Bromodichloromethane	< 10	10	< 67.0	67.0		20	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 10	10	< 43.7	43.7		20	2/29/2024	593-60-2
Bromoform	< 10	10	< 103	103		20	2/29/2024	75-25-2
Bromomethane	< 10	10	< 38.8	38.8		20	2/29/2024	74-83-9
Butyl benzene	< 20	20	< 110	110		20	2/29/2024	104-51-8
Carbon disulfide	< 100	100	< 311	311		20	2/29/2024	75-15-0
Carbon tetrachloride	< 10	10	< 62.9	62.9		20	2/29/2024	56-23-5
Chlorobenzene	< 10	10	< 46.0	46.0		20	2/29/2024	108-90-7
Chloroethane	< 40	40	< 106	106		20	2/29/2024	75-00-3
Chloroform	< 10	10	< 48.8	48.8		20	2/29/2024	67-66-3
Chloromethane	< 40	40	< 82.8	82.8		20	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/29/2024	10061-01-5
Cyclohexane	**190**	**10**	**654**	**34.4**		20	2/29/2024	110-82-7
Dibromochloromethane	< 10	10	< 85.2	85.2		20	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 20	20	< 99.0	99.0		20	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 10	10	< 69.9	69.9		20	2/29/2024	76-14-2
Ethanol	< 100	100	< 188	188	T4	20	2/29/2024	64-17-5
Ethyl Acetate	< 40	40	< 144	144		20	2/29/2024	141-78-6
Ethylbenzene	< 10	10	< 43.4	43.4		20	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	SVB-19
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	08	**Matrix:**	Soil Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR		**TO-15**					Analyst: JJ	
Heptane	**15**	**10**	**61.5**	**41.0**		20	2/29/2024	142-82-5
Hexachlorobutadiene	< 20	20	< 213	213		20	2/29/2024	87-68-3
Hexane	**412**	**20**	**1,450**	**70.4**		20	2/29/2024	110-54-3
Isopropylbenzene	< 20	20	< 98.4	98.4		20	2/29/2024	98-82-8
m&p-Xylene	< 20	20	< 86.8	86.8		20	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 40	40	< 144	144		20	2/29/2024	1634-04-4
Methylcyclohexane	**36**	**20**	**143**	**80.4**		20	2/29/2024	108-87-2
Methylene chloride	< 40	40	< 139	139		20	2/29/2024	75-09-2
Naphthalene	< 100	100	< 524	524		20	2/29/2024	91-20-3
Nonane	< 20	20	< 105	105		20	2/29/2024	111-84-2
Octane	< 20	20	< 93.4	93.4		20	2/29/2024	111-65-9
o-Xylene	< 10	10	< 43.4	43.4		20	2/29/2024	95-47-6
Propene (Propylene)	< 40	40	< 68.8	68.8		20	2/29/2024	115-07-1
Propylbenzene	< 20	20	< 98.4	98.4		20	2/29/2024	103-65-1
Sec-Butyl benzene	< 20	20	< 110	110		20	2/29/2024	135-98-8
Styrene	< 10	10	< 42.6	42.6		20	2/29/2024	100-42-5
Tert-Butyl benzene	< 20	20	< 110	110		20	2/29/2024	98-06-6
Tetrachloroethene	< 20	20	< 136	136		20	2/29/2024	127-18-4
Tetrahydrofuran	< 100	100	< 295	295		20	2/29/2024	109-99-9
Toluene	< 10	10	< 37.7	37.7		20	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 10	10	< 39.6	39.6		20	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 10	10	< 45.4	45.4		20	2/29/2024	10061-02-6
Trichloroethene	< 10	10	< 53.7	53.7		20	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 10	10	< 56.2	56.2		20	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 10	10	< 76.6	76.6		20	2/29/2024	76-13-1
Vinyl acetate	< 40	40	< 141	141		20	2/29/2024	108-05-4
Vinyl chloride	< 10	10	< 25.6	25.6		20	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	97.7	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Propane	250	200	ppbv	T4	20	2/29/2024
Isobutane	1,970	200	ppbv	T4	20	2/29/2024
Butane	3,820	200	ppbv	T4	20	2/29/2024
Methyl butane	3,220	200	ppbv	T4	20	2/29/2024
Pentane	1,080	200	ppbv	T4	20	2/29/2024
Dimethyl butane	460	200	ppbv	T4	20	2/29/2024
Methyl pentane	850	200	ppbv	T4	20	2/29/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	Duplicate
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	09	**Matrix:**	Vapor

	ppbv		ug/M^3				Date	
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Analyzed**	**CAS#**
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 500	500	< 2,730	2,730		1,000	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 500	500	< 3,440	3,440		1,000	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 500	500	< 2,730	2,730		1,000	2/29/2024	79-00-5
1,1-Dichloroethane	< 500	500	< 2,030	2,030		1,000	2/29/2024	75-34-3
1,1-Dichloroethene	< 500	500	< 1,990	1,990		1,000	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 2,000	2,000	< 14,840	14,840		1,000	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	95-63-6
1,2-Dibromoethane	< 500	500	< 3,840	3,840		1,000	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/29/2024	95-50-1
1,2-Dichloroethane	< 500	500	< 2,030	2,030		1,000	2/29/2024	107-06-2
1,2-Dichloropropane	< 500	500	< 2,310	2,310		1,000	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	108-67-8
1,3-Butadiene	< 2,000	2,000	< 4,420	4,420		1,000	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 1,000	1,000	< 6,010	6,010		1,000	2/29/2024	106-46-7
1,4-Dioxane	< 2,000	2,000	< 7,200	7,200		1,000	2/29/2024	123-91-1
2,2,4-Trimethylpentane	**4,800**	**500**	**22,400**	**2,330**		1,000	2/29/2024	540-84-1
2-Butanone (MEK)	< 5,000	5,000	< 14,800	14,800		1,000	2/29/2024	78-93-3
2-Hexanone	< 5,000	5,000	< 20,500	20,500		1,000	2/29/2024	591-78-6
2-Propanol (IPA)	< 5,000	5,000	< 12,300	12,300		1,000	2/29/2024	67-63-0
4-Ethyltoluene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 5,000	5,000	< 20,500	20,500		1,000	2/29/2024	108-10-1
Acetone	< 5,000	5,000	< 11,900	11,900		1,000	2/29/2024	67-64-1
Allyl chloride	< 2,000	2,000	< 6,260	6,260		1,000	2/29/2024	107-05-1
Benzene	< 500	500	< 1,600	1,600		1,000	2/29/2024	71-43-2
Benzyl chloride	< 2,000	2,000	< 10,400	10,400		1,000	2/29/2024	100-44-7
Bromodichloromethane	< 500	500	< 3,350	3,350		1,000	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 500	500	< 2,190	2,190		1,000	2/29/2024	593-60-2
Bromoform	< 500	500	< 5,170	5,170		1,000	2/29/2024	75-25-2
Bromomethane	< 500	500	< 1,940	1,940		1,000	2/29/2024	74-83-9
Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/29/2024	104-51-8
Carbon disulfide	< 5,000	5,000	< 15,600	15,600		1,000	2/29/2024	75-15-0
Carbon tetrachloride	< 500	500	< 3,150	3,150		1,000	2/29/2024	56-23-5
Chlorobenzene	< 500	500	< 2,300	2,300		1,000	2/29/2024	108-90-7
Chloroethane	< 2,000	2,000	< 5,280	5,280		1,000	2/29/2024	75-00-3
Chloroform	< 500	500	< 2,440	2,440		1,000	2/29/2024	67-66-3
Chloromethane	< 2,000	2,000	< 4,140	4,140		1,000	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1,000	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1,000	2/29/2024	10061-01-5
Cyclohexane	**6,710**	**500**	**23,100**	**1,720**		1,000	2/29/2024	110-82-7
Dibromochloromethane	< 500	500	< 4,260	4,260		1,000	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 1,000	1,000	< 4,950	4,950		1,000	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 500	500	< 3,500	3,500		1,000	2/29/2024	76-14-2
Ethanol	< 5,000	5,000	< 9,400	9,400	T4	1,000	2/29/2024	64-17-5
Ethyl Acetate	< 2,000	2,000	< 7,200	7,200		1,000	2/29/2024	141-78-6
Ethylbenzene	< 500	500	< 2,170	2,170		1,000	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	Duplicate
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	2/28/2024
Lab ID:	09	**Matrix:**	Vapor

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	**570**	**500**	**2,340**	**2,050**		1,000	2/29/2024	142-82-5
Hexachlorobutadiene	< 1,000	1,000	< 10,700	10,700		1,000	2/29/2024	87-68-3
Hexane	**11,900**	**1,000**	**41,900**	**3,520**		1,000	2/29/2024	110-54-3
Isopropylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	98-82-8
m&p-Xylene	< 1,000	1,000	< 4,340	4,340		1,000	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 2,000	2,000	< 7,220	7,220		1,000	2/29/2024	1634-04-4
Methylcyclohexane	**1,410**	**1,000**	**5,670**	**4,020**		1,000	2/29/2024	108-87-2
Methylene chloride	< 2,000	2,000	< 6,940	6,940		1,000	2/29/2024	75-09-2
Naphthalene	< 5,000	5,000	< 26,200	26,200		1,000	2/29/2024	91-20-3
Nonane	< 1,000	1,000	< 5,240	5,240		1,000	2/29/2024	111-84-2
Octane	< 1,000	1,000	< 4,670	4,670		1,000	2/29/2024	111-65-9
o-Xylene	< 500	500	< 2,170	2,170		1,000	2/29/2024	95-47-6
Propene (Propylene)	< 2,000	2,000	< 3,440	3,440		1,000	2/29/2024	115-07-1
Propylbenzene	< 1,000	1,000	< 4,920	4,920		1,000	2/29/2024	103-65-1
Sec-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/29/2024	135-98-8
Styrene	< 500	500	< 2,130	2,130		1,000	2/29/2024	100-42-5
Tert-Butyl benzene	< 1,000	1,000	< 5,490	5,490		1,000	2/29/2024	98-06-6
Tetrachloroethene	< 1,000	1,000	< 6,780	6,780		1,000	2/29/2024	127-18-4
Tetrahydrofuran	< 5,000	5,000	< 14,800	14,800		1,000	2/29/2024	109-99-9
Toluene	< 500	500	< 1,890	1,890		1,000	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 500	500	< 1,980	1,980		1,000	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 500	500	< 2,270	2,270		1,000	2/29/2024	10061-02-6
Trichloroethene	< 500	500	< 2,690	2,690		1,000	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 500	500	< 2,810	2,810		1,000	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 500	500	< 3,830	3,830		1,000	2/29/2024	76-13-1
Vinyl acetate	< 2,000	2,000	< 7,040	7,040		1,000	2/29/2024	108-05-4
Vinyl chloride	< 500	500	< 1,280	1,280		1,000	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	97.6	70-130	%REC					

Tentatively Identified Compounds (TIC's)

Isobutane	39,300	10,000	ppbv	T4	1,000	2/29/2024
Butane	127,000	10,000	ppbv	T4	1,000	2/29/2024
Methyl butane	78,500	10,000	ppbv	T4	1,000	2/29/2024
Pentane	31,200	10,000	ppbv	T4	1,000	2/29/2024
Methyl pentane	23,700	10,000	ppbv	T4	1,000	2/29/2024

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	N/A
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010229 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	CAS#
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
1,1,1-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/29/2024	71-55-6
1,1,2,2-Tetrachloroethane	< 0.5	0.5	< 3.44	3.44		1	2/29/2024	79-34-5
1,1,2-Trichloroethane	< 0.5	0.5	< 2.73	2.73		1	2/29/2024	79-00-5
1,1-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/29/2024	75-34-3
1,1-Dichloroethene	< 0.5	0.5	< 1.99	1.99		1	2/29/2024	75-35-4
1,2,4-Trichlorobenzene	< 2.0	2.0	< 14.8	14.8		1	2/29/2024	120-82-1
1,2,4-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/29/2024	95-63-6
1,2-Dibromoethane	< 0.5	0.5	< 3.84	3.84		1	2/29/2024	106-93-4
1,2-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/29/2024	95-50-1
1,2-Dichloroethane	< 0.5	0.5	< 2.03	2.03		1	2/29/2024	107-06-2
1,2-Dichloropropane	< 0.5	0.5	< 2.31	2.31		1	2/29/2024	78-87-5
1,3,5-Trimethylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/29/2024	108-67-8
1,3-Butadiene	< 2.0	2.0	< 4.42	4.42		1	2/29/2024	106-99-0
1,3-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/29/2024	541-73-1
1,4-Dichlorobenzene	< 1.0	1.0	< 6.01	6.01		1	2/29/2024	106-46-7
1,4-Dioxane	< 2.0	2.0	< 7.20	7.20		1	2/29/2024	123-91-1
2,2,4-Trimethylpentane	< 0.5	0.5	< 2.33	2.33		1	2/29/2024	540-84-1
2-Butanone (MEK)	< 5.0	5.0	< 14.8	14.8		1	2/29/2024	78-93-3
2-Hexanone	< 5.0	5.0	< 20.5	20.5		1	2/29/2024	591-78-6
2-Propanol (IPA)	< 5.0	5.0	< 12.3	12.3		1	2/29/2024	67-63-0
4-Ethyltoluene	< 1.0	1.0	< 4.92	4.92		1	2/29/2024	622-96-8
4-Methyl-2-pentanone (MIK)	< 5.0	5.0	< 20.5	20.5		1	2/29/2024	108-10-1
Acetone	< 5.0	5.0	< 11.9	11.9		1	2/29/2024	67-64-1
Allyl chloride	< 2.0	2.0	< 6.26	6.26		1	2/29/2024	107-05-1
Benzene	< 0.5	0.5	< 1.60	1.60		1	2/29/2024	71-43-2
Benzyl chloride	< 2.0	2.0	< 10.4	10.4		1	2/29/2024	100-44-7
Bromodichloromethane	< 0.5	0.5	< 3.35	3.35		1	2/29/2024	75-27-4
Bromoethene(Vinyl Bromide)	< 0.5	0.5	< 2.19	2.19		1	2/29/2024	593-60-2
Bromoform	< 0.5	0.5	< 5.17	5.17		1	2/29/2024	75-25-2
Bromomethane	< 0.5	0.5	< 1.94	1.94		1	2/29/2024	74-83-9
Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/29/2024	104-51-8
Carbon disulfide	< 5.0	5.0	< 15.6	15.6		1	2/29/2024	75-15-0
Carbon tetrachloride	< 0.5	0.5	< 3.15	3.15		1	2/29/2024	56-23-5
Chlorobenzene	< 0.5	0.5	< 2.30	2.30		1	2/29/2024	108-90-7
Chloroethane	< 0.5	0.5	< 1.32	1.32		1	2/29/2024	75-00-3
Chloroform	< 0.5	0.5	< 2.44	2.44		1	2/29/2024	67-66-3
Chloromethane	< 1.0	1.0	< 2.07	2.07		1	2/29/2024	74-87-3
cis-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/29/2024	156-59-2
cis-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/29/2024	10061-01-5
Cyclohexane	< 0.5	0.5	< 1.72	1.72		1	2/29/2024	110-82-7
Dibromochloromethane	< 0.5	0.5	< 4.26	4.26		1	2/29/2024	124-48-1
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 4.95	4.95		1	2/29/2024	75-71-8
Dichlorotetrafluoroethane(F-114)	< 0.5	0.5	< 3.50	3.50		1	2/29/2024	76-14-2
Ethanol	< 5.0	5.0	< 9.40	9.40		1	2/29/2024	64-17-5
Ethyl Acetate	< 2.0	2.0	< 7.20	7.20		1	2/29/2024	141-78-6
Ethylbenzene	< 0.5	0.5	< 2.17	2.17		1	2/29/2024	100-41-4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	N/A
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	N/A
Lab ID:	Blank	**Matrix:**	Nitrogen

Method QC Data

Batch: MS010229 Analyst: JJ

Analyses	ppbv Result	ppbv Limit	ug/M^3 Result	ug/M^3 Limit	Qual	DF	Date Analyzed	
VOLATILE ORGANICS IN AIR	**TO-15**						Analyst: JJ	
Heptane	< 0.5	0.5	< 2.05	2.05		1	2/29/2024	142-82-5
Hexachlorobutadiene	< 1.0	1.0	< 10.7	10.7		1	2/29/2024	87-68-3
Hexane	< 1.0	1.0	< 3.52	3.52		1	2/29/2024	110-54-3
Isopropylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/29/2024	98-82-8
m&p-Xylene	< 1.0	1.0	< 4.34	4.34		1	2/29/2024	179601-23-1
Methyl tert-butyl ether	< 2.0	2.0	< 7.22	7.22		1	2/29/2024	1634-04-4
Methylcyclohexane	< 1.0	1.0	< 4.02	4.02		1	2/29/2024	108-87-2
Methylene chloride	< 2.0	2.0	< 6.94	6.94		1	2/29/2024	75-09-2
Naphthalene	< 5.0	5.0	< 26.2	26.2		1	2/29/2024	91-20-3
Nonane	< 1.0	1.0	< 5.24	5.24		1	2/29/2024	111-84-2
Octane	< 1.0	1.0	< 4.67	4.67		1	2/29/2024	111-65-9
o-Xylene	< 0.5	0.5	< 2.17	2.17		1	2/29/2024	95-47-6
Propene (Propylene)	< 2.0	2.0	< 3.44	3.44		1	2/29/2024	115-07-1
Propylbenzene	< 1.0	1.0	< 4.92	4.92		1	2/29/2024	103-65-1
Sec-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/29/2024	135-98-8
Styrene	< 0.5	0.5	< 2.13	2.13		1	2/29/2024	100-42-5
Tert-Butyl benzene	< 1.0	1.0	< 5.49	5.49		1	2/29/2024	98-06-6
Tetrachloroethene	< 1.0	1.0	< 6.78	6.78		1	2/29/2024	127-18-4
Tetrahydrofuran	< 5.0	5.0	< 14.8	14.8		1	2/29/2024	109-99-9
Toluene	< 0.5	0.5	< 1.89	1.89		1	2/29/2024	108-88-3
trans-1,2-Dichloroethene	< 0.5	0.5	< 1.98	1.98		1	2/29/2024	156-60-5
trans-1,3-Dichloropropene	< 0.5	0.5	< 2.27	2.27		1	2/29/2024	10061-02-6
Trichloroethene	< 0.5	0.5	< 2.69	2.69		1	2/29/2024	79-01-6
Trichlorofluoromethane(F-11)	< 0.5	0.5	< 2.81	2.81		1	2/29/2024	75-69-4
Trichlorotrifluoroethane(F-113)	< 0.5	0.5	< 3.83	3.83		1	2/29/2024	76-13-1
Vinyl acetate	< 2.0	2.0	< 7.04	7.04		1	2/29/2024	108-05-4
Vinyl chloride	< 0.5	0.5	< 1.28	1.28		1	2/29/2024	75-01-4
Surr: 4-Bromofluorobenzene	102	70-130	%REC					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	N/A
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/29/2024 Batch: MS010229 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
Propene (Propylene)	9.2	91.5	9.2	92.2	10.0	0.8	ppbv			
Dichlorodifluoromethane(F-12)	9.5	94.5	9.4	94.4	10.0	0.1	ppbv			
Chloromethane	9.2	91.7	9.2	91.9	10.0	0.2	ppbv			
Dichlorotetrafluoroethane(F-114)	8.9	88.8	8.9	89.3	10.0	0.6	ppbv			
Vinyl Chloride	9.1	91.1	9.1	90.6	10.0	0.6	ppbv			
1,3-Butadiene	9.9	98.7	9.8	98.2	10.0	0.5	ppbv			
Bromomethane	8.6	86.1	8.7	86.6	10.0	0.6	ppbv			
Chloroethane	8.7	87.1	8.8	87.5	10.0	0.5	ppbv			
Ethanol	10.8	108	11.0	110	10.0	1.6	ppbv			
Bromoethene(Vinyl Bromide)	8.7	86.9	8.7	87.1	10.0	0.2	ppbv			
Trichlorofluoromethane (F-11)	9.3	93.4	9.3	93.3	10.0	0.1	ppbv			
Acetone	9.2	92.4	9.4	94.1	10.0	1.8	ppbv			
Isopropyl Alcohol (2-Propanol)	10.3	102.7	10.5	105	10.0	2.4	ppbv			
1,1-Dichloroethene	9.3	93.1	9.4	93.6	10.0	0.5	ppbv			
Trichlorotrifluoroethane (F-113)	8.7	87.2	8.8	87.9	10.0	0.8	ppbv			
Methylene Chloride	11.4	114	11.4	114	10.0	0.1	ppbv			
Allyl Chloride	9.5	95.1	9.6	95.8	10.0	0.7	ppbv			
Carbon disulfide	8.8	88.1	8.8	88.1	10.0	0.0	ppbv			
trans-1,2-Dichloroethene	8.7	87.0	8.8	88.4	10.0	1.6	ppbv			
Methyl tert-butyl ether	10.5	105	10.6	106	10.0	1.2	ppbv			
1,1-Dichloroethane	9.0	90.0	9.1	90.5	10.0	0.6	ppbv			
Vinyl acetate	10.4	104	10.4	104	10.0	0.3	ppbv			
2-Butanone (MEK)	9.7	97.4	9.8	97.9	10.0	0.5	ppbv			
Hexane	9.5	94.6	9.5	95.2	10.0	0.6	ppbv			
cis-1,2-Dichloroethene	8.8	87.9	8.9	89.1	10.0	1.4	ppbv			
Ethyl Acetate	10.2	102	10.3	103	10.0	1.3	ppbv			
Chloroform	8.7	87.4	8.8	87.7	10.0	0.3	ppbv			
Tetrahydrofuran	10.6	106	10.8	108	10.0	1.6	ppbv			
1,1,1-Trichloroethane	9.2	91.7	9.2	92.2	10.0	0.5	ppbv			
1,2-Dichloroethane	9.5	94.7	9.5	94.8	10.0	0.1	ppbv			
Benzene	9.2	91.9	9.3	92.7	10.0	0.9	ppbv			
Carbon tetrachloride	9.1	91.0	9.1	90.9	10.0	0.1	ppbv			
Cyclohexane	9.9	99.3	10.0	100	10.0	0.7	ppbv			
2,2,4-Trimethylpentane	8.8	87.7	8.8	87.6	10.0	0.1	ppbv			
Heptane	9.1	91.3	9.0	90.4	10.0	1.0	ppbv			
1,2-Dichloropropane	8.9	88.5	8.9	88.6	10.0	0.1	ppbv			
Trichloroethene	8.0	80.0	8.0	79.6	10.0	0.5	ppbv			
Bromodichloromethane	8.7	87.1	8.7	86.5	10.0	0.7	ppbv			
1,4-Dioxane	10.7	107	11.1	111	10.0	3.4	ppbv			
Methylcyclohexane	9.0	90.4	9.1	90.7	10.0	0.3	ppbv			
cis-1,3-Dichloropropene	10.1	101	10.0	100	10.0	0.5	ppbv			
4-methyl-2-pentanone	10.8	108	10.8	108	10.0	0.7	ppbv			
trans-1,3-Dichloropropene	10.7	107	10.7	107	10.0	0.2	ppbv			
Toluene	10.0	100	10.0	100	10.0	0.7	ppbv			

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	N/A
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	N/A
Lab ID:	LCS/LCSD	**Matrix:**	Nitrogen

Method QC Data

Date Analyzed: 2/29/2024 Batch: MS010229 Analyst: JJ

Analyses	LCS Result	LCS %REC	LCSD Result	LCSD %REC	T.V.	%RPD	Unit	Qualifier LCS	Qualifier LCSD	Qualifier RPD
VOLATILE ORGANICS IN AIR	**TO-15**							70-130%		<25%
1,1,2-Trichloroethane	8.6	86.3	8.6	85.8	10.0	0.6	ppbv			
2-Hexanone	13.0	130	12.9	129	10.0	1.2	ppbv			
n-Octane	9.4	93.9	9.3	93.0	10.0	1.0	ppbv			
Dibromochloromethane	8.5	85.0	8.5	84.5	10.0	0.6	ppbv			
1,2-Dibromoethane	9.1	90.9	9.0	90.2	10.0	0.8	ppbv			
Tetrachloroethene	8.0	79.8	8.0	79.5	10.0	0.4	ppbv			
Chlorobenzene	8.1	80.9	8.1	80.5	10.0	0.5	ppbv			
Ethylbenzene	9.3	92.6	9.2	91.9	10.0	0.8	ppbv			
m&p-Xylene	17.6	88.2	17.6	88.0	20.0	0.2	ppbv			
Bromoform	8.4	83.8	8.3	83.3	10.0	0.6	ppbv			
Styrene	9.9	99.0	9.9	98.5	10.0	0.5	ppbv			
Nonane	8.4	84.1	8.3	83.2	10.0	1.1	ppbv			
o-Xylene	8.6	86.1	8.6	85.6	10.0	0.6	ppbv			
1,1,2,2-Tetrachloroethane	8.3	82.7	8.2	82.4	10.0	0.4	ppbv			
Isopropylbenzene	9.1	91.0	9.1	90.5	10.0	0.6	ppbv			
n-Propylbenzene	9.0	90.3	9.0	89.5	10.0	0.9	ppbv			
4-Ethyltoluene	9.0	89.6	8.9	89.2	10.0	0.4	ppbv			
1,3,5-Trimethylbenzene	8.7	86.7	8.6	86.1	10.0	0.7	ppbv			
Tert-Butyl Benzene	8.3	82.7	8.2	82.2	10.0	0.6	ppbv			
1,2,4-Trimethylbenzene	8.4	84.4	8.4	83.7	10.0	0.8	ppbv			
Sec-Butyl Benzene	8.2	82.4	8.2	82.2	10.0	0.2	ppbv			
1,3-Dichlorobenzene	8.8	87.6	8.7	86.9	10.0	0.8	ppbv			
Benzyl chloride	10.1	101	10.0	100	10.0	0.9	ppbv			
1,4-Dichlorobenzene	9.0	89.7	8.9	88.9	10.0	0.9	ppbv			
1,2-Dichlorobenzene	8.6	85.6	8.5	84.6	10.0	1.2	ppbv			
n-Butyl Benzene	8.7	87.0	8.6	86.4	10.0	0.7	ppbv			
1,2,4-Trichlorobenzene	9.3	93.0	9.2	92.1	10.0	1.0	ppbv			
Naphthalene	10.6	106	10.7	107	10.0	1.3	ppbv			
Hexachlorobutadiene	9.3	93.2	9.2	92.0	10.0	1.3	ppbv			
Surr: 4-Bromofluorobenzene	11.0	110	10.9	109			%REC			
		70-130%		70-130%						

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	EnCore Consulting, LLC	**Client Sample ID:**	NA
Project:	CK 2705326	**Project Number:**	CK 2705326
Lab Order:	24B048	**Collection:**	NA
Lab ID:	Standards	**Matrix:**	Nitrogen

AEL ID#	STD Name	Vendor	SGI Order#	Description	CONC.	Accuracy	Exp.Date
S-230519-01	Stock	Spectra Gases	117476113	TO-14 39 Analytes	1.0 ppmv	± 5%	5/19/2024
S-230829-01	Stock	Spectra Gases	117483371	TO-15 25 Analytes	1.0 ppmv	± 5%	8/29/2024
S-230519-02	Stock	Spectra Gases	117476112	15 Additional Compounds	1.0 ppmv	± 5%	5/19/2024
S-231013-01	Stock	Spectra Gases	117427092	TO-15 IS 4 Compounds	1.0 ppmv	± 5%	10/13/2024
A-231228-01	Working Std	AEL Dilution		TO-15 74 Analytes	10 ppbv	± 5%	3/28/2024
A-240227-01	Working IS	AEL Dilution		TO-15 IS 4 Compounds	50 ppbv	± 5%	5/27/2024

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer : EnCore Consulting, LLC	Page_1_ of _1_	AEL Lab # 24B048
Address: 950 W Elliot Rd. Suite 116	Sampler: Jesus Ibarra Phone: (480) 341-0824	
	Project Name: CU2705326 Project Number: CU2705326	
City, State, Zip: Tempe, AZ 85284	Project location: Chino Valley, AZ	
Contact: Shanda Wagner	P.O. Number: CU2705326 SVS	
Phone: 480-828-4302 Fax:	Fax Results: Y [N] cc: Lynn, Jesus	
E-Mail Address: shanda@encore-consulting.net	E-Mail Results: [Y] N	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water
N : Nitrogen

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	Analyses Requested: TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water
01	E2407	113	6 (1) bag	1 2 (5)	Equipment Blank	2/28/24	1240	N	1	X						
02	E2390	105	6 (1) bag	1 2 (5)	Field Blank		1249	A	1	X						
03	E2391	151	6 (1) bag	1 2 (5)	SVB-14		1315	S	1	X						
04	E2290	052	6 (1) bag	1 2 (5)	SVB-15		1344	S	1	X						
05	E2100	146	6 (1) bag	1 2 (5)	SVB-16		1406	S	1	X						
06	0904	039	6 (1) bag	1 2 (5)	SVB-17		1428	S	1	X						
07	E2085	029	6 (1) bag	1 2 (5)	SVB-18		1450	S	1	X						
08	E2283	157	6 (1) bag	1 2 (5)	SVB-19		1512	S	1	X						
09	E2396	142	6 (1) bag	1 2 (5)	Duplicate		1352	S	1	X						
			6 1 bag	1 2 5												

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
2/29/24	0845	Jesus Ibarra	James Jaus - Airtech
2/29/24	0925	Tony Baker	

SOIL BORING SAMPLES

ANALYTICAL REPORT

February 21, 2024

EnCore Consulting, LLC.

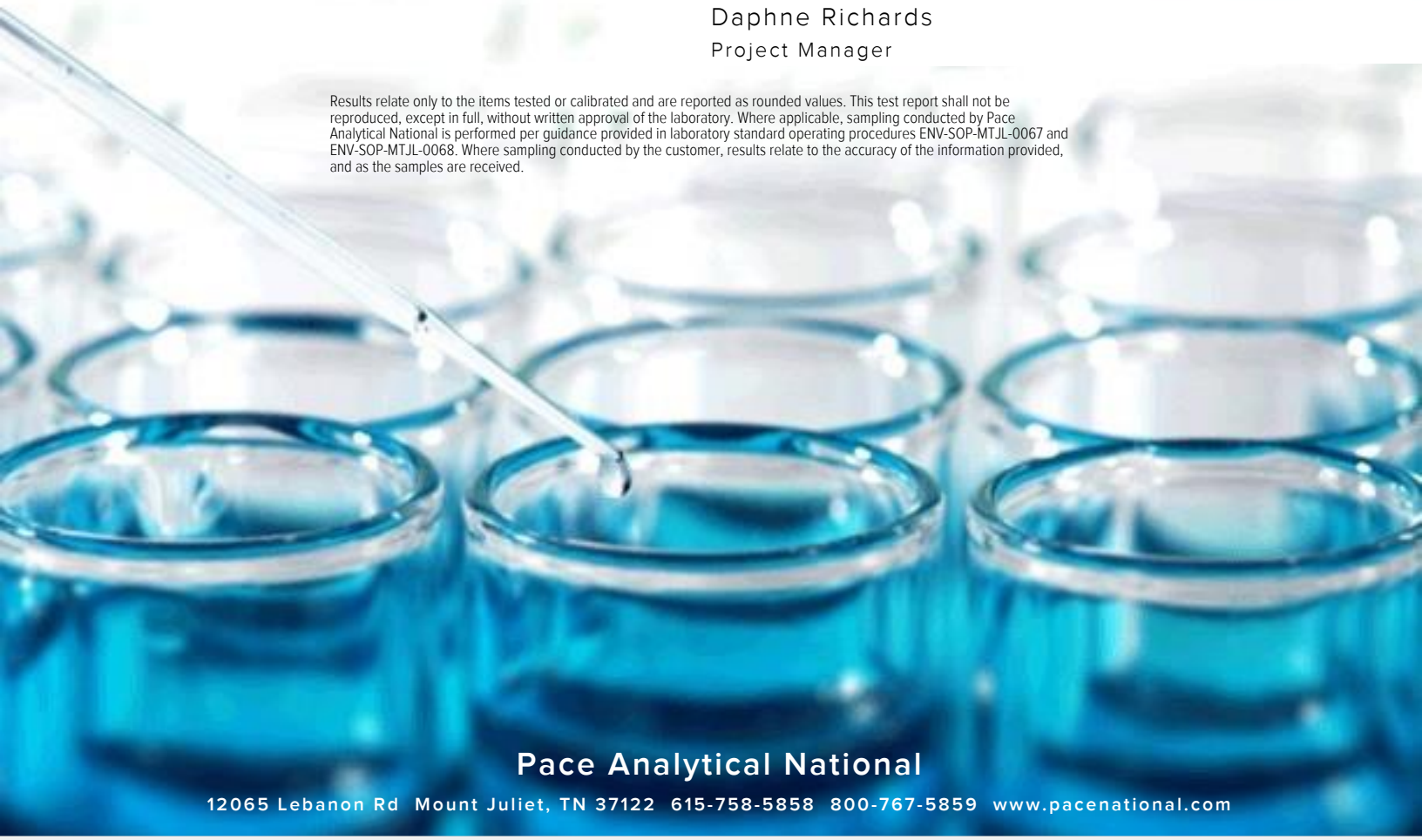
Sample Delivery Group:	L1707462
Samples Received:	02/20/2024
Project Number:	CK2705326 SRI
Description:	Cirlce K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

[Preliminary Report]

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-1-20 L1707462-04 Solid

Collected by: Jesus Ibarra
Collected date/time: 02/16/24 10:58
Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 10:58	02/21/24 10:51	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230897	1000	02/16/24 10:58	02/21/24 15:13	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	1	02/20/24 18:39	02/21/24 01:50	JRM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	10	02/20/24 18:39	02/21/24 02:59	JRM	Mt. Juliet, TN

SB-2-15 L1707462-13 Solid

Collected by: Jesus Ibarra
Collected date/time: 02/16/24 14:15
Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 14:15	02/21/24 11:10	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230897	1000	02/16/24 14:15	02/21/24 15:35	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	1	02/20/24 18:39	02/21/24 02:07	JRM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	10	02/20/24 18:39	02/21/24 03:16	JRM	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

[Preliminary Report]

Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1707462-04	SB-1-20	8260B
L1707462-13	SB-2-15	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 10:51	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 10:51	WG2230265
Benzene	69.6		0.467	1.00	40	02/21/2024 10:51	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 10:51	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 10:51	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 10:51	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 10:51	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 10:51	WG2230265
n-Butylbenzene	46.3		5.25	12.5	40	02/21/2024 10:51	WG2230265
sec-Butylbenzene	2.92	E4	2.88	12.5	40	02/21/2024 10:51	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 10:51	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 10:51	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 10:51	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 10:51	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 10:51	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 10:51	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 10:51	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 10:51	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 10:51	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 10:51	WG2230265
Cyclohexane	167		27.8	62.5	1000	02/21/2024 15:13	WG2230897
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 10:51	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 10:51	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 10:51	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 10:51	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 10:51	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 10:51	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 10:51	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 10:51	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 10:51	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 10:51	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 10:51	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 10:51	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 10:51	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 10:51	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 10:51	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 10:51	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 10:51	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 10:51	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 10:51	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 10:51	WG2230265
Ethylbenzene	172		18.4	62.5	1000	02/21/2024 15:13	WG2230897
4-Ethyltoluene	197		58.0	125	1000	02/21/2024 15:13	WG2230897
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 10:51	WG2230265
n-Hexane	210		56.5	125	1000	02/21/2024 15:13	WG2230897
Isopropylbenzene	14.0		0.425	2.50	40	02/21/2024 10:51	WG2230265
p-Isopropyltoluene	U		2.55	5.00	40	02/21/2024 10:51	WG2230265
2-Butanone (MEK)	105		63.5	100	40	02/21/2024 10:51	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 10:51	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 10:51	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 10:51	WG2230265
Methyl Cyclohexane	166		51.5	125	1000	02/21/2024 15:13	WG2230897
Naphthalene	12.9		4.88	12.5	40	02/21/2024 10:51	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 10:51	WG2230265
n-Propylbenzene	31.0		0.950	5.00	40	02/21/2024 10:51	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 10:51	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 10:51	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 10:51	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 10:51	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 10:51	WG2230265
Toluene	664		32.5	125	1000	02/21/2024 15:13	WG2230897
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 10:51	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 10:51	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 10:51	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 10:51	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 10:51	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 10:51	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 10:51	WG2230265
1,2,4-Trimethylbenzene	218		39.5	125	1000	02/21/2024 15:13	WG2230897
1,2,3-Trimethylbenzene	37.2		1.58	5.00	40	02/21/2024 10:51	WG2230265
1,3,5-Trimethylbenzene	38.9		2.00	5.00	40	02/21/2024 10:51	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 10:51	WG2230265
Xylenes, Total	752		22.0	163	1000	02/21/2024 15:13	WG2230897
(S) Toluene-d8	*100*			*75.0-131*		*02/21/2024 10:51*	WG2230265
(S) Toluene-d8	*93.9*			*75.0-131*		*02/21/2024 15:13*	WG2230897
(S) 4-Bromofluorobenzene	*114*			*67.0-138*		*02/21/2024 10:51*	WG2230265
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*02/21/2024 15:13*	WG2230897
(S) 1,2-Dichloroethane-d4	*88.8*			*70.0-130*		*02/21/2024 10:51*	WG2230265
(S) 1,2-Dichloroethane-d4	*90.2*			*70.0-130*		*02/21/2024 15:13*	WG2230897

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0265		0.00230	0.00600	1	02/21/2024 01:50	WG2230022
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 01:50	WG2230022
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(a)anthracene	0.00540	E4	0.00173	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(a)pyrene	0.00303	E4	0.00179	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 01:50	WG2230022
Chrysene	U		0.00232	0.00600	1	02/21/2024 01:50	WG2230022
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 01:50	WG2230022
Fluoranthene	0.00806		0.00227	0.00600	1	02/21/2024 01:50	WG2230022
Fluorene	0.0408		0.00205	0.00600	1	02/21/2024 01:50	WG2230022
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 01:50	WG2230022
Naphthalene	13.3		0.0408	0.200	10	02/21/2024 02:59	WG2230022
Phenanthrene	0.0455		0.00231	0.00600	1	02/21/2024 01:50	WG2230022
Pyrene	0.0113		0.00200	0.00600	1	02/21/2024 01:50	WG2230022
1-Methylnaphthalene	5.40		0.0449	0.200	10	02/21/2024 02:59	WG2230022
2-Methylnaphthalene	10.9		0.0427	0.200	10	02/21/2024 02:59	WG2230022
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 01:50	WG2230022
(S) p-Terphenyl-d14	*88.1*			*23.0-120*		*02/21/2024 01:50*	WG2230022
(S) p-Terphenyl-d14	*89.3*			*23.0-120*		*02/21/2024 02:59*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 01:50*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 02:59*	WG2230022
(S) 2-Fluorobiphenyl	*74.1*			*34.0-125*		*02/21/2024 01:50*	WG2230022
(S) 2-Fluorobiphenyl	*87.9*			*34.0-125*		*02/21/2024 02:59*	WG2230022

Sample Narrative:

L1707462-04 WG2230022: Surrogate failure due to matrix interference

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 11:10	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 11:10	WG2230265
Benzene	71.2		0.467	1.00	40	02/21/2024 11:10	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 11:10	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 11:10	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 11:10	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 11:10	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 11:10	WG2230265
n-Butylbenzene	75.8		5.25	12.5	40	02/21/2024 11:10	WG2230265
sec-Butylbenzene	3.56	E4	2.88	12.5	40	02/21/2024 11:10	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 11:10	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 11:10	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 11:10	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 11:10	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 11:10	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 11:10	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 11:10	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 11:10	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 11:10	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 11:10	WG2230265
Cyclohexane	152		27.8	62.5	1000	02/21/2024 15:35	WG2230897
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 11:10	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 11:10	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 11:10	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 11:10	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 11:10	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 11:10	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 11:10	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 11:10	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 11:10	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 11:10	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 11:10	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 11:10	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 11:10	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 11:10	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 11:10	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 11:10	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 11:10	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 11:10	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 11:10	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 11:10	WG2230265
Ethylbenzene	172		18.4	62.5	1000	02/21/2024 15:35	WG2230897
4-Ethyltoluene	217		58.0	125	1000	02/21/2024 15:35	WG2230897
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 11:10	WG2230265
n-Hexane	225		56.5	125	1000	02/21/2024 15:35	WG2230897
Isopropylbenzene	14.1		0.425	2.50	40	02/21/2024 11:10	WG2230265
p-Isopropyltoluene	U		2.55	5.00	40	02/21/2024 11:10	WG2230265
2-Butanone (MEK)	136		63.5	100	40	02/21/2024 11:10	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 11:10	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 11:10	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 11:10	WG2230265
Methyl Cyclohexane	218		51.5	125	1000	02/21/2024 15:35	WG2230897
Naphthalene	23.6		4.88	12.5	40	02/21/2024 11:10	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 11:10	WG2230265
n-Propylbenzene	42.4		0.950	5.00	40	02/21/2024 11:10	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 11:10	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 11:10	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 11:10	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 11:10	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 11:10	WG2230265
Toluene	655		32.5	125	1000	02/21/2024 15:35	WG2230897
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 11:10	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 11:10	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 11:10	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 11:10	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 11:10	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 11:10	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 11:10	WG2230265
1,2,4-Trimethylbenzene	234		39.5	125	1000	02/21/2024 15:35	WG2230897
1,2,3-Trimethylbenzene	54.3		1.58	5.00	40	02/21/2024 11:10	WG2230265
1,3,5-Trimethylbenzene	58.8		2.00	5.00	40	02/21/2024 11:10	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 11:10	WG2230265
Xylenes, Total	816		22.0	163	1000	02/21/2024 15:35	WG2230897
(S) Toluene-d8	*101*			*75.0-131*		*02/21/2024 11:10*	WG2230265
(S) Toluene-d8	*96.5*			*75.0-131*		*02/21/2024 15:35*	WG2230897
(S) 4-Bromofluorobenzene	*112*			*67.0-138*		*02/21/2024 11:10*	WG2230265
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*02/21/2024 15:35*	WG2230897
(S) 1,2-Dichloroethane-d4	*85.2*			*70.0-130*		*02/21/2024 11:10*	WG2230265
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*02/21/2024 15:35*	WG2230897

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0152		0.00230	0.00600	1	02/21/2024 02:07	WG2230022
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 02:07	WG2230022
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(a)anthracene	0.00352	E4	0.00173	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 02:07	WG2230022
Chrysene	U		0.00232	0.00600	1	02/21/2024 02:07	WG2230022
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 02:07	WG2230022
Fluoranthene	0.00493	E4	0.00227	0.00600	1	02/21/2024 02:07	WG2230022
Fluorene	0.0273		0.00205	0.00600	1	02/21/2024 02:07	WG2230022
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 02:07	WG2230022
Naphthalene	11.6	M3	0.0408	0.200	10	02/21/2024 03:16	WG2230022
Phenanthrene	0.0291		0.00231	0.00600	1	02/21/2024 02:07	WG2230022
Pyrene	0.00675		0.00200	0.00600	1	02/21/2024 02:07	WG2230022
1-Methylnaphthalene	4.03	M3	0.0449	0.200	10	02/21/2024 03:16	WG2230022
2-Methylnaphthalene	8.36	M3	0.0427	0.200	10	02/21/2024 03:16	WG2230022
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 02:07	WG2230022
(S) p-Terphenyl-d14	*83.1*			*23.0-120*		*02/21/2024 02:07*	WG2230022
(S) p-Terphenyl-d14	*79.7*			*23.0-120*		*02/21/2024 03:16*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 02:07*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 03:16*	WG2230022
(S) 2-Fluorobiphenyl	*83.9*			*34.0-125*		*02/21/2024 03:16*	WG2230022
(S) 2-Fluorobiphenyl	*77.6*			*34.0-125*		*02/21/2024 02:07*	WG2230022

Sample Narrative:

L1707462-13 WG2230022: Surrogate failure due to matrix interference

INTERNAL STANDARD SUMMARY

Instrument: VOCMS39 • File ID: 0221_02

02/21/24 10:12

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0221_02	514389.90	189003.50	207390.20
Upper Limit		1028780	378007	414780
Lower Limit		257195	94502	103695
L1707462-04 WG2230897 1000x	0221_11	529893.20	196454.80	202548.30
L1707462-13 WG2230897 1000x	0221_12	526774.30	186883.70	210669.80

Instrument: VOCMS42 • File ID: 0221_02

02/21/24 08:46

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0221_02	605293.10	289196	272997.90
Upper Limit		1210586	578392	545996
Lower Limit		302647	144598	136499
L1707462-04 WG2230265 40x	0221_08	735582.30	354411.70	356519.60
L1707462-13 WG2230265 40x	0221_09	630027.40	307636.40	290370.30

Instrument: BNAMS30 • File ID: 0221_03

02/21/24 00:47

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0221_03	34239	18323	35500	33098	33193
Upper Limit		68478	36646	71000	66196	66386
Lower Limit		17120	9162	17750	16549	16597
L1707462-04 WG2230022 1x	0221_06	28764	18617	31910	26697	25138
L1707462-13 WG2230022 1x	0221_07	30299	18702	33445	28725	27436
L1707462-04 WG2230022 10x	0221_10	28615	15406	30055	26421	25770
L1707462-13 WG2230022 10x	0221_11	31390	16884	33151	28347	27785

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated blank spike recovery was acceptable.
S6	Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Cirlce K Store No. 2705326**

City/State Collected: Chino Valley

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326 SRI**

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): Jesus Ibarra

Site/Facility ID # **CK2705326**

P.O. # CK5326 SBS

Collected by (signature):

Immediately Packed on Ice N ____ Y ✓

Rush? (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day

Quote # 00107122

Date Results Needed: See Remarks / Standard TAT if no Remark.

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	RCRA8 Metals 250mlHDPE-HNO3	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb-HCl	V8260AZ 40mlAmb/MeOH10ml/Syr					Remarks	Sample # (lab only)
SB-1-5	G	SS	5	2/16/24	1030	2			X		X						-01
SB-1-10	G	SS	10	2/16/24	1046	2			X		X						-02
SB-1-15	G	SS	15	2/16/24	1049	2			X		X						-03
SB-1-20	G	SS	20	2/16/24	1058	2			X		X					Same Day	-04 -01
SB-1-25	G	SS	25	2/16/24	1111	2			X		X					3-Day	-05
SB-1-30	G	SS	30	2/16/24	1122	2			X		X					3-Day	-06
SB-1-35	G	SS	35	2/16/24	1138	2			X		X					3-Day	-07
SB-1-40	G	SS	40	2/16/24	1205	2			X		X					3-Day	-08
SB-1-45	G	SS	45	2/16/24	1214	2			X		X					3-Day	-09
SB-1-50	G	SS	50	2/16/24	1225	2			X		X					3-Day	-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __UPS __FedEx __Courier _____

Tracking # 7074 8795 3667

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	2/19/24	0515	Michael Stumpf PNWR Recd from Prep Box 2/19/24 0900	
Relinquished by : (Signature) Michael Stumpf PNWR	Date: 2/19/24	Time: 1800	Received by: (Signature) Sun	Temp: 1.3+0=1.3 °C DPA9 Bottles Received: 35
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) CRoberts	Date: 02.20.24 Time: 0930

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1707462
B190
Ta

Acctnum: **ENCORETAZ**
Template: **T247090**
Prelogin: **P1055494**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Cirlce K Store No. 2705326**

City/State Collected: Chino Valley

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326 SRI**

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): Jesus Ibarra

Site/Facility ID # **CK2705326**

P.O. # CUS326 SBS

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: See Remarks. Standard TAT unless Rush stated

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	RCRA8 Metals 250mlHDPE-HNO3	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb-HCl	V8260AZ 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
SB-2-5	G	SS	5	2/16/24	1357	2			X		X		-11
SB-2-10	G	SS	10	2/16/24	1405	2			X		X		-12
SB-2-15	G	SS	15	2/16/24	1415	2			X		X	Same Day	~~-13~~ -02
SB-2-20	G	SS	20	2/16/24	1422	2			X		X	3-Day	-14
SB-2-25	G	SS	25	2/16/24	1433	2			X		X	3-Day	-15
SB-2-30	G	SS	30	2/16/24	1445	2			X		X	3-Day	-16
Trip Blank	—	~~SS~~	—	—	—	~~1~~					X		
IDW-Soil	Comp	SS	—	2/16/24	1600	3		X	X		X		-17
		SS											
		SS											

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1707462

Table #

Acctnum: **ENCORETAZ**
Template: **T247090**
Prelogin: **P1055494**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

TO 2/20

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __UPS ✓FedEx __Courier _____

Tracking # 7074 8795 3667

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	2/19/24	0515	Nicole Sweet PM/PM DROP BOX 2/19/24 0900		
Nicole Sweet PM/PM	2/19/24	1800	Sura	Temp: 1.3+0=1.3 °C Bottles Received: 35	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 02.20.24 Time: 0930	Hold: Condition: NCF / OK

ANALYTICAL REPORT

February 26, 2024

EnCore Consulting, LLC.

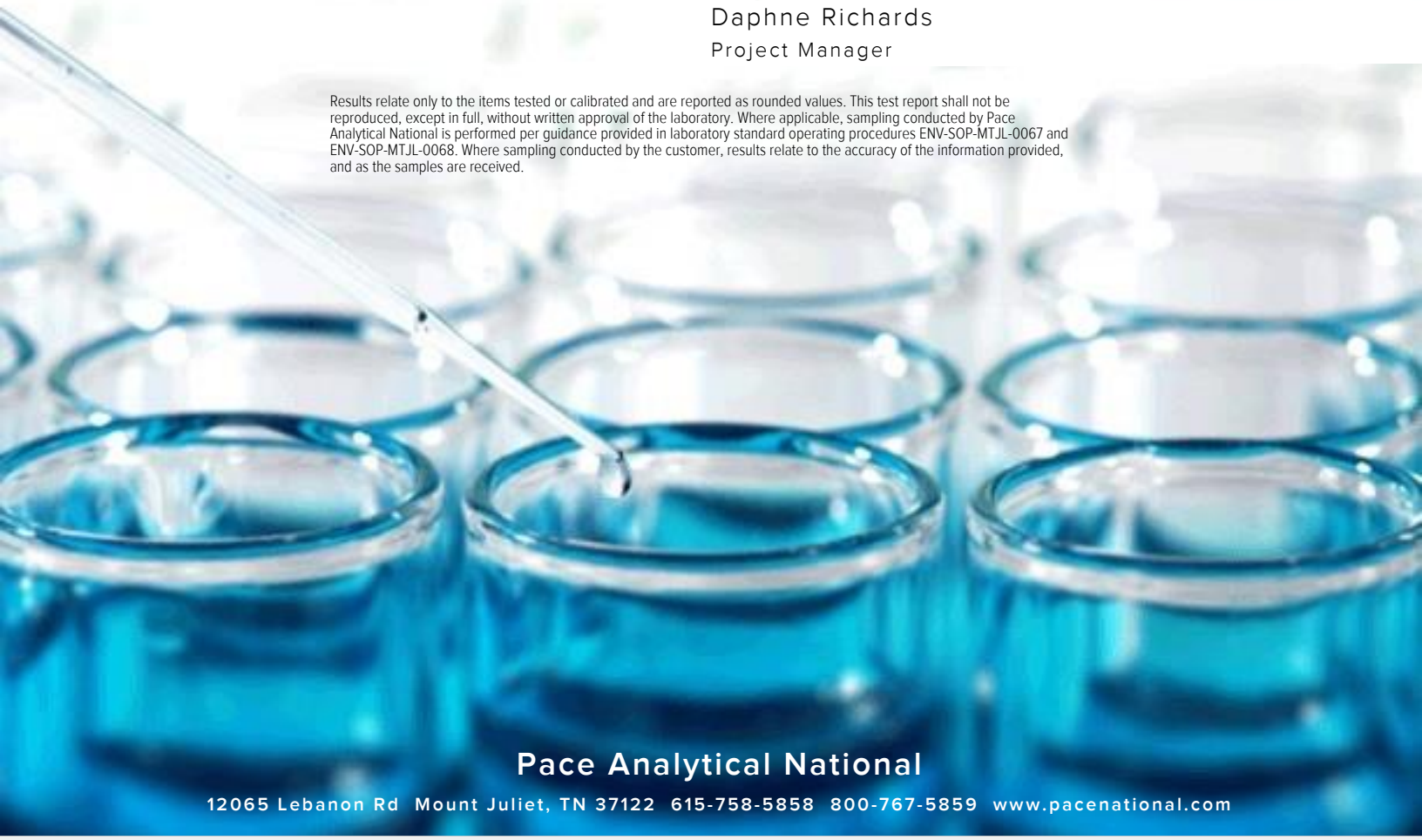
Sample Delivery Group:	L1707462
Samples Received:	02/20/2024
Project Number:	CK2705326 SRI
Description:	Cirlce K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-1-5 L1707462-01 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 10:30 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231204	1.14	02/16/24 10:30	02/21/24 23:43	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230415	1	02/21/24 08:41	02/21/24 21:49	LS	Mt. Juliet, TN

SB-1-10 L1707462-02 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 10:40 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231204	1	02/16/24 10:40	02/22/24 00:02	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230415	1	02/21/24 08:41	02/21/24 22:06	LS	Mt. Juliet, TN

SB-1-15 L1707462-03 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 10:49 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231204	1	02/16/24 10:49	02/22/24 00:21	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230415	1	02/21/24 08:41	02/21/24 22:24	LS	Mt. Juliet, TN

SB-1-20 L1707462-04 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 10:58 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 10:58	02/21/24 10:51	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230897	1000	02/16/24 10:58	02/21/24 15:13	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	1	02/20/24 18:39	02/21/24 01:50	JRM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	10	02/20/24 18:39	02/21/24 02:59	JRM	Mt. Juliet, TN

SB-1-25 L1707462-05 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 11:11 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 11:11	02/21/24 14:41	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	800	02/16/24 11:11	02/22/24 21:07	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 14:18	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 05:09	AGW	Mt. Juliet, TN

SB-1-30 L1707462-06 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 11:22 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	20	02/16/24 11:22	02/21/24 15:00	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	800	02/16/24 11:22	02/22/24 21:27	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 14:36	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	10	02/21/24 09:16	02/23/24 04:16	AGW	Mt. Juliet, TN

SB-1-35 L1707462-07 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 11:38 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 11:38	02/21/24 15:20	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	1000	02/16/24 11:38	02/22/24 21:46	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 14:54	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 05:27	AGW	Mt. Juliet, TN

SB-1-40 L1707462-08 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 12:05 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 12:05	02/21/24 15:40	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	1000	02/16/24 12:05	02/22/24 22:06	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 15:12	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 05:45	AGW	Mt. Juliet, TN

SB-1-45 L1707462-09 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 12:14 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 12:14	02/21/24 15:59	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	4000	02/16/24 12:14	02/22/24 22:25	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 15:29	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 06:02	AGW	Mt. Juliet, TN

SB-1-50 L1707462-10 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 12:25 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	20	02/16/24 12:25	02/21/24 16:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	1000	02/16/24 12:25	02/22/24 22:44	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 15:47	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 06:20	AGW	Mt. Juliet, TN

SB-2-5 L1707462-11 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 13:57 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231204	1	02/16/24 13:57	02/22/24 00:40	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230415	1	02/21/24 08:41	02/21/24 22:42	LS	Mt. Juliet, TN

SB-2-10 L1707462-12 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 14:05 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231204	1	02/16/24 14:05	02/22/24 00:59	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230415	1	02/21/24 08:41	02/21/24 22:59	LS	Mt. Juliet, TN

SB-2-15 L1707462-13 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 14:15 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 14:15	02/21/24 11:10	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230897	1000	02/16/24 14:15	02/21/24 15:35	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	1	02/20/24 18:39	02/21/24 02:07	JRM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230022	10	02/20/24 18:39	02/21/24 03:16	JRM	Mt. Juliet, TN

SB-2-20 L1707462-14 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 14:22 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 14:22	02/21/24 16:38	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	1000	02/16/24 14:22	02/22/24 23:03	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 16:05	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 06:38	AGW	Mt. Juliet, TN

SB-2-25 L1707462-15 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 14:33 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 14:33	02/21/24 16:58	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	4000	02/16/24 14:33	02/22/24 23:23	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 16:23	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 06:56	AGW	Mt. Juliet, TN

SB-2-30 L1707462-16 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 14:45 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2230265	40	02/16/24 14:45	02/21/24 17:16	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231680	2000	02/16/24 14:45	02/22/24 23:42	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	1	02/21/24 09:16	02/21/24 16:41	LS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230409	20	02/21/24 09:16	02/23/24 07:13	AGW	Mt. Juliet, TN

IDW-SOIL L1707462-17 Solid

Collected by: Jesus Ibarra | Collected date/time: 02/16/24 16:00 | Received date/time: 02/20/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG2230564	1	02/21/24 08:58	02/22/24 08:35	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2230703	1	02/21/24 15:03	02/22/24 15:14	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231204	40	02/16/24 16:00	02/22/24 02:34	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2231591	200	02/16/24 16:00	02/23/24 07:25	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2230415	1	02/21/24 08:41	02/21/24 23:17	LS	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1707462-04	SB-1-20	8260B
L1707462-05	SB-1-25	8260B
L1707462-06	SB-1-30	8260B
L1707462-07	SB-1-35	8260B
L1707462-08	SB-1-40	8260B
L1707462-09	SB-1-45	8260B
L1707462-10	SB-1-50	8260B
L1707462-13	SB-2-15	8260B
L1707462-14	SB-2-20	8260B
L1707462-15	SB-2-25	8260B
L1707462-16	SB-2-30	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		1.04	1.43	1.14	02/21/2024 23:43	WG2231204
Acrylonitrile	U		0.103	0.356	1.14	02/21/2024 23:43	WG2231204
Benzene	0.0662		0.0133	0.0285	1.14	02/21/2024 23:43	WG2231204
Bromobenzene	U		0.0257	0.356	1.14	02/21/2024 23:43	WG2231204
Bromodichloromethane	U		0.0207	0.0713	1.14	02/21/2024 23:43	WG2231204
Bromoform	U		0.0333	0.713	1.14	02/21/2024 23:43	WG2231204
Bromomethane	U		0.0561	0.356	1.14	02/21/2024 23:43	WG2231204
1,3-Butadiene	U	R7	0.146	0.713	1.14	02/21/2024 23:43	WG2231204
n-Butylbenzene	U		0.150	0.356	1.14	02/21/2024 23:43	WG2231204
sec-Butylbenzene	U		0.0821	0.356	1.14	02/21/2024 23:43	WG2231204
tert-Butylbenzene	U		0.0556	0.143	1.14	02/21/2024 23:43	WG2231204
Carbon disulfide	U		0.0200	0.356	1.14	02/21/2024 23:43	WG2231204
Carbon tetrachloride	U	R7	0.0256	0.143	1.14	02/21/2024 23:43	WG2231204
Chlorobenzene	U		0.00599	0.0713	1.14	02/21/2024 23:43	WG2231204
Chlorodibromomethane	U		0.0174	0.0713	1.14	02/21/2024 23:43	WG2231204
Chloroethane	U		0.0485	0.143	1.14	02/21/2024 23:43	WG2231204
Chloroform	U		0.0294	0.0713	1.14	02/21/2024 23:43	WG2231204
Chloromethane	U		0.124	0.356	1.14	02/21/2024 23:43	WG2231204
2-Chlorotoluene	U		0.0247	0.0713	1.14	02/21/2024 23:43	WG2231204
4-Chlorotoluene	U		0.0128	0.143	1.14	02/21/2024 23:43	WG2231204
Cyclohexane	U	R7	0.0316	0.0713	1.14	02/21/2024 23:43	WG2231204
1,2-Dibromo-3-Chloropropane	U		0.111	0.713	1.14	02/21/2024 23:43	WG2231204
1,2-Dibromoethane	U		0.0185	0.0713	1.14	02/21/2024 23:43	WG2231204
Dibromomethane	U		0.0214	0.143	1.14	02/21/2024 23:43	WG2231204
1,2-Dichlorobenzene	U		0.0121	0.143	1.14	02/21/2024 23:43	WG2231204
1,3-Dichlorobenzene	U		0.0171	0.143	1.14	02/21/2024 23:43	WG2231204
1,4-Dichlorobenzene	U		0.0200	0.143	1.14	02/21/2024 23:43	WG2231204
Dichlorodifluoromethane	U		0.0459	0.0713	1.14	02/21/2024 23:43	WG2231204
1,1-Dichloroethane	U		0.0140	0.0713	1.14	02/21/2024 23:43	WG2231204
1,2-Dichloroethane	U		0.0185	0.0713	1.14	02/21/2024 23:43	WG2231204
1,1-Dichloroethene	U		0.0173	0.0713	1.14	02/21/2024 23:43	WG2231204
cis-1,2-Dichloroethene	U		0.0209	0.0713	1.14	02/21/2024 23:43	WG2231204
trans-1,2-Dichloroethene	U		0.0296	0.143	1.14	02/21/2024 23:43	WG2231204
1,2-Dichloropropane	U		0.0405	0.143	1.14	02/21/2024 23:43	WG2231204
1,1-Dichloropropene	U	R7	0.0231	0.0713	1.14	02/21/2024 23:43	WG2231204
1,3-Dichloropropane	U		0.0143	0.143	1.14	02/21/2024 23:43	WG2231204
cis-1,3-Dichloropropene	U		0.0216	0.0713	1.14	02/21/2024 23:43	WG2231204
trans-1,3-Dichloropropene	U		0.0325	0.143	1.14	02/21/2024 23:43	WG2231204
2,2-Dichloropropane	U	R7	0.0393	0.0713	1.14	02/21/2024 23:43	WG2231204
Dicyclopentadiene	U		0.0470	0.356	1.14	02/21/2024 23:43	WG2231204
Di-isopropyl ether	U		0.0117	0.0285	1.14	02/21/2024 23:43	WG2231204
Ethylbenzene	U		0.0210	0.0713	1.14	02/21/2024 23:43	WG2231204
4-Ethyltoluene	U		0.0661	0.143	1.14	02/21/2024 23:43	WG2231204
Hexachloro-1,3-butadiene	U	R7	0.171	0.713	1.14	02/21/2024 23:43	WG2231204
n-Hexane	U	R7	0.0644	0.143	1.14	02/21/2024 23:43	WG2231204
Isopropylbenzene	U		0.0121	0.0713	1.14	02/21/2024 23:43	WG2231204
p-Isopropyltoluene	U		0.0727	0.143	1.14	02/21/2024 23:43	WG2231204
2-Butanone (MEK)	U		1.81	2.85	1.14	02/21/2024 23:43	WG2231204
Methylene Chloride	U		0.189	0.713	1.14	02/21/2024 23:43	WG2231204
4-Methyl-2-pentanone (MIBK)	U		0.0650	0.713	1.14	02/21/2024 23:43	WG2231204
Methyl tert-butyl ether	U		0.00998	0.0285	1.14	02/21/2024 23:43	WG2231204
Methyl Cyclohexane	U		0.0587	0.143	1.14	02/21/2024 23:43	WG2231204
Naphthalene	U		0.139	0.356	1.14	02/21/2024 23:43	WG2231204
Propene	U	R7	0.174	1.43	1.14	02/21/2024 23:43	WG2231204
n-Propylbenzene	U		0.0271	0.143	1.14	02/21/2024 23:43	WG2231204
Styrene	U		0.00653	0.356	1.14	02/21/2024 23:43	WG2231204

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0270	0.0713	1.14	02/21/2024 23:43	WG2231204
1,1,2,2-Tetrachloroethane	U		0.0198	0.0713	1.14	02/21/2024 23:43	WG2231204
1,1,2-Trichlorotrifluoroethane	U	R7	0.0215	0.0713	1.14	02/21/2024 23:43	WG2231204
Tetrachloroethene	U		0.0255	0.0713	1.14	02/21/2024 23:43	WG2231204
Toluene	U		0.0371	0.143	1.14	02/21/2024 23:43	WG2231204
1,2,3-Trichlorobenzene	U	R7	0.209	0.356	1.14	02/21/2024 23:43	WG2231204
1,2,4-Trichlorobenzene	U		0.125	0.356	1.14	02/21/2024 23:43	WG2231204
1,1,1-Trichloroethane	U		0.0263	0.0713	1.14	02/21/2024 23:43	WG2231204
1,1,2-Trichloroethane	U		0.0170	0.0713	1.14	02/21/2024 23:43	WG2231204
Trichloroethene	U		0.0166	0.0285	1.14	02/21/2024 23:43	WG2231204
Trichlorofluoromethane	U	R7	0.0236	0.0713	1.14	02/21/2024 23:43	WG2231204
1,2,3-Trichloropropane	U		0.0462	0.356	1.14	02/21/2024 23:43	WG2231204
1,2,4-Trimethylbenzene	U		0.0450	0.143	1.14	02/21/2024 23:43	WG2231204
1,2,3-Trimethylbenzene	U		0.0450	0.143	1.14	02/21/2024 23:43	WG2231204
1,3,5-Trimethylbenzene	U		0.0570	0.143	1.14	02/21/2024 23:43	WG2231204
Vinyl chloride	U	R7	0.0331	0.0713	1.14	02/21/2024 23:43	WG2231204
Xylenes, Total	U		0.0251	0.185	1.14	02/21/2024 23:43	WG2231204
(S) Toluene-d8	*102*			*75.0-131*		*02/21/2024 23:43*	WG2231204
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/21/2024 23:43*	WG2231204
(S) 1,2-Dichloroethane-d4	*90.7*			*70.0-130*		*02/21/2024 23:43*	WG2231204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/21/2024 21:49	WG2230415
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 21:49	WG2230415
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 21:49	WG2230415
Benzo(a)anthracene	U		0.00173	0.00600	1	02/21/2024 21:49	WG2230415
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 21:49	WG2230415
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 21:49	WG2230415
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 21:49	WG2230415
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 21:49	WG2230415
Chrysene	U		0.00232	0.00600	1	02/21/2024 21:49	WG2230415
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 21:49	WG2230415
Fluoranthene	U		0.00227	0.00600	1	02/21/2024 21:49	WG2230415
Fluorene	U		0.00205	0.00600	1	02/21/2024 21:49	WG2230415
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 21:49	WG2230415
Naphthalene	U		0.00408	0.0200	1	02/21/2024 21:49	WG2230415
Phenanthrene	U		0.00231	0.00600	1	02/21/2024 21:49	WG2230415
Pyrene	U		0.00200	0.00600	1	02/21/2024 21:49	WG2230415
1-Methylnaphthalene	U		0.00449	0.0200	1	02/21/2024 21:49	WG2230415
2-Methylnaphthalene	U		0.00427	0.0200	1	02/21/2024 21:49	WG2230415
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 21:49	WG2230415
(S) p-Terphenyl-d14	*82.5*			*23.0-120*		*02/21/2024 21:49*	WG2230415
(S) Nitrobenzene-d5	*60.5*			*14.0-149*		*02/21/2024 21:49*	WG2230415
(S) 2-Fluorobiphenyl	*68.8*			*34.0-125*		*02/21/2024 21:49*	WG2230415

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.913	1.25	1	02/22/2024 00:02	WG2231204
Acrylonitrile	U		0.0903	0.313	1	02/22/2024 00:02	WG2231204
Benzene	0.0830		0.0117	0.0250	1	02/22/2024 00:02	WG2231204
Bromobenzene	U		0.0225	0.313	1	02/22/2024 00:02	WG2231204
Bromodichloromethane	U		0.0181	0.0625	1	02/22/2024 00:02	WG2231204
Bromoform	U		0.0293	0.625	1	02/22/2024 00:02	WG2231204
Bromomethane	U		0.0493	0.313	1	02/22/2024 00:02	WG2231204
1,3-Butadiene	U	R7	0.128	0.625	1	02/22/2024 00:02	WG2231204
n-Butylbenzene	U		0.131	0.313	1	02/22/2024 00:02	WG2231204
sec-Butylbenzene	U		0.0720	0.313	1	02/22/2024 00:02	WG2231204
tert-Butylbenzene	U		0.0488	0.125	1	02/22/2024 00:02	WG2231204
Carbon disulfide	U		0.0175	0.313	1	02/22/2024 00:02	WG2231204
Carbon tetrachloride	U	R7	0.0225	0.125	1	02/22/2024 00:02	WG2231204
Chlorobenzene	U		0.00525	0.0625	1	02/22/2024 00:02	WG2231204
Chlorodibromomethane	U		0.0153	0.0625	1	02/22/2024 00:02	WG2231204
Chloroethane	U		0.0425	0.125	1	02/22/2024 00:02	WG2231204
Chloroform	U		0.0258	0.0625	1	02/22/2024 00:02	WG2231204
Chloromethane	U		0.109	0.313	1	02/22/2024 00:02	WG2231204
2-Chlorotoluene	U		0.0216	0.0625	1	02/22/2024 00:02	WG2231204
4-Chlorotoluene	U		0.0113	0.125	1	02/22/2024 00:02	WG2231204
Cyclohexane	U	R7	0.0278	0.0625	1	02/22/2024 00:02	WG2231204
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/22/2024 00:02	WG2231204
1,2-Dibromoethane	U		0.0162	0.0625	1	02/22/2024 00:02	WG2231204
Dibromomethane	U		0.0188	0.125	1	02/22/2024 00:02	WG2231204
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/22/2024 00:02	WG2231204
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/22/2024 00:02	WG2231204
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/22/2024 00:02	WG2231204
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/22/2024 00:02	WG2231204
1,1-Dichloroethane	U		0.0123	0.0625	1	02/22/2024 00:02	WG2231204
1,2-Dichloroethane	U		0.0162	0.0625	1	02/22/2024 00:02	WG2231204
1,1-Dichloroethene	U		0.0152	0.0625	1	02/22/2024 00:02	WG2231204
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/22/2024 00:02	WG2231204
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/22/2024 00:02	WG2231204
1,2-Dichloropropane	U		0.0355	0.125	1	02/22/2024 00:02	WG2231204
1,1-Dichloropropene	U	R7	0.0202	0.0625	1	02/22/2024 00:02	WG2231204
1,3-Dichloropropane	U		0.0125	0.125	1	02/22/2024 00:02	WG2231204
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/22/2024 00:02	WG2231204
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/22/2024 00:02	WG2231204
2,2-Dichloropropane	U	R7	0.0345	0.0625	1	02/22/2024 00:02	WG2231204
Dicyclopentadiene	U		0.0413	0.313	1	02/22/2024 00:02	WG2231204
Di-isopropyl ether	U		0.0103	0.0250	1	02/22/2024 00:02	WG2231204
Ethylbenzene	U		0.0184	0.0625	1	02/22/2024 00:02	WG2231204
4-Ethyltoluene	U		0.0580	0.125	1	02/22/2024 00:02	WG2231204
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	02/22/2024 00:02	WG2231204
n-Hexane	U	R7	0.0565	0.125	1	02/22/2024 00:02	WG2231204
Isopropylbenzene	U		0.0106	0.0625	1	02/22/2024 00:02	WG2231204
p-Isopropyltoluene	U		0.0638	0.125	1	02/22/2024 00:02	WG2231204
2-Butanone (MEK)	U		1.59	2.50	1	02/22/2024 00:02	WG2231204
Methylene Chloride	U		0.166	0.625	1	02/22/2024 00:02	WG2231204
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/22/2024 00:02	WG2231204
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/22/2024 00:02	WG2231204
Methyl Cyclohexane	U		0.0515	0.125	1	02/22/2024 00:02	WG2231204
Naphthalene	U		0.122	0.313	1	02/22/2024 00:02	WG2231204
Propene	U	R7	0.153	1.25	1	02/22/2024 00:02	WG2231204
n-Propylbenzene	U		0.0238	0.125	1	02/22/2024 00:02	WG2231204
Styrene	U		0.00573	0.313	1	02/22/2024 00:02	WG2231204

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/22/2024 00:02	WG2231204
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/22/2024 00:02	WG2231204
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	02/22/2024 00:02	WG2231204
Tetrachloroethene	U		0.0224	0.0625	1	02/22/2024 00:02	WG2231204
Toluene	0.0348	E4	0.0325	0.125	1	02/22/2024 00:02	WG2231204
1,2,3-Trichlorobenzene	U	R7	0.183	0.313	1	02/22/2024 00:02	WG2231204
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/22/2024 00:02	WG2231204
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/22/2024 00:02	WG2231204
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/22/2024 00:02	WG2231204
Trichloroethene	U		0.0146	0.0250	1	02/22/2024 00:02	WG2231204
Trichlorofluoromethane	U	R7	0.0207	0.0625	1	02/22/2024 00:02	WG2231204
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/22/2024 00:02	WG2231204
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:02	WG2231204
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:02	WG2231204
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/22/2024 00:02	WG2231204
Vinyl chloride	U	R7	0.0290	0.0625	1	02/22/2024 00:02	WG2231204
Xylenes, Total	U		0.0220	0.163	1	02/22/2024 00:02	WG2231204
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2024 00:02*	WG2231204
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/22/2024 00:02*	WG2231204
(S) 1,2-Dichloroethane-d4	*84.4*			*70.0-130*		*02/22/2024 00:02*	WG2231204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/21/2024 22:06	WG2230415
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 22:06	WG2230415
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 22:06	WG2230415
Benzo(a)anthracene	U		0.00173	0.00600	1	02/21/2024 22:06	WG2230415
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 22:06	WG2230415
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 22:06	WG2230415
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 22:06	WG2230415
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 22:06	WG2230415
Chrysene	U		0.00232	0.00600	1	02/21/2024 22:06	WG2230415
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 22:06	WG2230415
Fluoranthene	U		0.00227	0.00600	1	02/21/2024 22:06	WG2230415
Fluorene	U		0.00205	0.00600	1	02/21/2024 22:06	WG2230415
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 22:06	WG2230415
Naphthalene	U		0.00408	0.0200	1	02/21/2024 22:06	WG2230415
Phenanthrene	U		0.00231	0.00600	1	02/21/2024 22:06	WG2230415
Pyrene	U		0.00200	0.00600	1	02/21/2024 22:06	WG2230415
1-Methylnaphthalene	U		0.00449	0.0200	1	02/21/2024 22:06	WG2230415
2-Methylnaphthalene	U		0.00427	0.0200	1	02/21/2024 22:06	WG2230415
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 22:06	WG2230415
(S) p-Terphenyl-d14	*65.6*			*23.0-120*		*02/21/2024 22:06*	WG2230415
(S) Nitrobenzene-d5	*35.5*			*14.0-149*		*02/21/2024 22:06*	WG2230415
(S) 2-Fluorobiphenyl	*50.9*			*34.0-125*		*02/21/2024 22:06*	WG2230415

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/22/2024 00:21	WG2231204
Acrylonitrile	U		0.0903	0.313	1	02/22/2024 00:21	WG2231204
Benzene	0.940		0.0117	0.0250	1	02/22/2024 00:21	WG2231204
Bromobenzene	U		0.0225	0.313	1	02/22/2024 00:21	WG2231204
Bromodichloromethane	U		0.0181	0.0625	1	02/22/2024 00:21	WG2231204
Bromoform	U		0.0293	0.625	1	02/22/2024 00:21	WG2231204
Bromomethane	U		0.0493	0.313	1	02/22/2024 00:21	WG2231204
1,3-Butadiene	U	R7	0.128	0.625	1	02/22/2024 00:21	WG2231204
n-Butylbenzene	U		0.131	0.313	1	02/22/2024 00:21	WG2231204
sec-Butylbenzene	U		0.0720	0.313	1	02/22/2024 00:21	WG2231204
tert-Butylbenzene	U		0.0488	0.125	1	02/22/2024 00:21	WG2231204
Carbon disulfide	U		0.0175	0.313	1	02/22/2024 00:21	WG2231204
Carbon tetrachloride	U	R7	0.0225	0.125	1	02/22/2024 00:21	WG2231204
Chlorobenzene	U		0.00525	0.0625	1	02/22/2024 00:21	WG2231204
Chlorodibromomethane	U		0.0153	0.0625	1	02/22/2024 00:21	WG2231204
Chloroethane	U		0.0425	0.125	1	02/22/2024 00:21	WG2231204
Chloroform	U		0.0258	0.0625	1	02/22/2024 00:21	WG2231204
Chloromethane	U		0.109	0.313	1	02/22/2024 00:21	WG2231204
2-Chlorotoluene	U		0.0216	0.0625	1	02/22/2024 00:21	WG2231204
4-Chlorotoluene	U		0.0113	0.125	1	02/22/2024 00:21	WG2231204
Cyclohexane	0.0737	R7	0.0278	0.0625	1	02/22/2024 00:21	WG2231204
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/22/2024 00:21	WG2231204
1,2-Dibromoethane	U		0.0162	0.0625	1	02/22/2024 00:21	WG2231204
Dibromomethane	U		0.0188	0.125	1	02/22/2024 00:21	WG2231204
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/22/2024 00:21	WG2231204
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/22/2024 00:21	WG2231204
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/22/2024 00:21	WG2231204
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/22/2024 00:21	WG2231204
1,1-Dichloroethane	U		0.0123	0.0625	1	02/22/2024 00:21	WG2231204
1,2-Dichloroethane	U		0.0162	0.0625	1	02/22/2024 00:21	WG2231204
1,1-Dichloroethene	U		0.0152	0.0625	1	02/22/2024 00:21	WG2231204
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/22/2024 00:21	WG2231204
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/22/2024 00:21	WG2231204
1,2-Dichloropropane	U		0.0355	0.125	1	02/22/2024 00:21	WG2231204
1,1-Dichloropropene	U	R7	0.0202	0.0625	1	02/22/2024 00:21	WG2231204
1,3-Dichloropropane	U		0.0125	0.125	1	02/22/2024 00:21	WG2231204
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/22/2024 00:21	WG2231204
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/22/2024 00:21	WG2231204
2,2-Dichloropropane	U	R7	0.0345	0.0625	1	02/22/2024 00:21	WG2231204
Dicyclopentadiene	U		0.0413	0.313	1	02/22/2024 00:21	WG2231204
Di-isopropyl ether	U		0.0103	0.0250	1	02/22/2024 00:21	WG2231204
Ethylbenzene	0.0245	E4	0.0184	0.0625	1	02/22/2024 00:21	WG2231204
4-Ethyltoluene	U		0.0580	0.125	1	02/22/2024 00:21	WG2231204
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	02/22/2024 00:21	WG2231204
n-Hexane	U	R7	0.0565	0.125	1	02/22/2024 00:21	WG2231204
Isopropylbenzene	U		0.0106	0.0625	1	02/22/2024 00:21	WG2231204
p-Isopropyltoluene	U		0.0638	0.125	1	02/22/2024 00:21	WG2231204
2-Butanone (MEK)	U		1.59	2.50	1	02/22/2024 00:21	WG2231204
Methylene Chloride	U		0.166	0.625	1	02/22/2024 00:21	WG2231204
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/22/2024 00:21	WG2231204
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/22/2024 00:21	WG2231204
Methyl Cyclohexane	U		0.0515	0.125	1	02/22/2024 00:21	WG2231204
Naphthalene	U		0.122	0.313	1	02/22/2024 00:21	WG2231204
Propene	U	R7	0.153	1.25	1	02/22/2024 00:21	WG2231204
n-Propylbenzene	U		0.0238	0.125	1	02/22/2024 00:21	WG2231204
Styrene	U		0.00573	0.313	1	02/22/2024 00:21	WG2231204

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/22/2024 00:21	WG2231204
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/22/2024 00:21	WG2231204
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	02/22/2024 00:21	WG2231204
Tetrachloroethene	U		0.0224	0.0625	1	02/22/2024 00:21	WG2231204
Toluene	0.723		0.0325	0.125	1	02/22/2024 00:21	WG2231204
1,2,3-Trichlorobenzene	U	R7	0.183	0.313	1	02/22/2024 00:21	WG2231204
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/22/2024 00:21	WG2231204
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/22/2024 00:21	WG2231204
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/22/2024 00:21	WG2231204
Trichloroethene	U		0.0146	0.0250	1	02/22/2024 00:21	WG2231204
Trichlorofluoromethane	U	R7	0.0207	0.0625	1	02/22/2024 00:21	WG2231204
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/22/2024 00:21	WG2231204
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:21	WG2231204
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:21	WG2231204
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/22/2024 00:21	WG2231204
Vinyl chloride	U	R7	0.0290	0.0625	1	02/22/2024 00:21	WG2231204
Xylenes, Total	0.306		0.0220	0.163	1	02/22/2024 00:21	WG2231204
(S) Toluene-d8	*103*			*75.0-131*		*02/22/2024 00:21*	WG2231204
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*02/22/2024 00:21*	WG2231204
(S) 1,2-Dichloroethane-d4	*88.0*			*70.0-130*		*02/22/2024 00:21*	WG2231204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/21/2024 22:24	WG2230415
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 22:24	WG2230415
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 22:24	WG2230415
Benzo(a)anthracene	U		0.00173	0.00600	1	02/21/2024 22:24	WG2230415
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 22:24	WG2230415
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 22:24	WG2230415
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 22:24	WG2230415
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 22:24	WG2230415
Chrysene	U		0.00232	0.00600	1	02/21/2024 22:24	WG2230415
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 22:24	WG2230415
Fluoranthene	U		0.00227	0.00600	1	02/21/2024 22:24	WG2230415
Fluorene	U		0.00205	0.00600	1	02/21/2024 22:24	WG2230415
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 22:24	WG2230415
Naphthalene	U		0.00408	0.0200	1	02/21/2024 22:24	WG2230415
Phenanthrene	U		0.00231	0.00600	1	02/21/2024 22:24	WG2230415
Pyrene	U		0.00200	0.00600	1	02/21/2024 22:24	WG2230415
1-Methylnaphthalene	U		0.00449	0.0200	1	02/21/2024 22:24	WG2230415
2-Methylnaphthalene	U		0.00427	0.0200	1	02/21/2024 22:24	WG2230415
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 22:24	WG2230415
(S) p-Terphenyl-d14	*65.5*			*23.0-120*		*02/21/2024 22:24*	WG2230415
(S) Nitrobenzene-d5	*49.6*			*14.0-149*		*02/21/2024 22:24*	WG2230415
(S) 2-Fluorobiphenyl	*61.1*			*34.0-125*		*02/21/2024 22:24*	WG2230415

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 10:51	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 10:51	WG2230265
Benzene	69.6		0.467	1.00	40	02/21/2024 10:51	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 10:51	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 10:51	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 10:51	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 10:51	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 10:51	WG2230265
n-Butylbenzene	46.3		5.25	12.5	40	02/21/2024 10:51	WG2230265
sec-Butylbenzene	2.92	E4	2.88	12.5	40	02/21/2024 10:51	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 10:51	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 10:51	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 10:51	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 10:51	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 10:51	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 10:51	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 10:51	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 10:51	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 10:51	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 10:51	WG2230265
Cyclohexane	167		27.8	62.5	1000	02/21/2024 15:13	WG2230897
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 10:51	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 10:51	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 10:51	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 10:51	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 10:51	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 10:51	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 10:51	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 10:51	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 10:51	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 10:51	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 10:51	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 10:51	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 10:51	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 10:51	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 10:51	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 10:51	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 10:51	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 10:51	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 10:51	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 10:51	WG2230265
Ethylbenzene	172		18.4	62.5	1000	02/21/2024 15:13	WG2230897
4-Ethyltoluene	197		58.0	125	1000	02/21/2024 15:13	WG2230897
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 10:51	WG2230265
n-Hexane	210		56.5	125	1000	02/21/2024 15:13	WG2230897
Isopropylbenzene	14.0		0.425	2.50	40	02/21/2024 10:51	WG2230265
p-Isopropyltoluene	U		2.55	5.00	40	02/21/2024 10:51	WG2230265
2-Butanone (MEK)	105		63.5	100	40	02/21/2024 10:51	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 10:51	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 10:51	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 10:51	WG2230265
Methyl Cyclohexane	166		51.5	125	1000	02/21/2024 15:13	WG2230897
Naphthalene	12.9		4.88	12.5	40	02/21/2024 10:51	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 10:51	WG2230265
n-Propylbenzene	31.0		0.950	5.00	40	02/21/2024 10:51	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 10:51	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 10:51	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 10:51	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 10:51	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 10:51	WG2230265
Toluene	664		32.5	125	1000	02/21/2024 15:13	WG2230897
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 10:51	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 10:51	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 10:51	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 10:51	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 10:51	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 10:51	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 10:51	WG2230265
1,2,4-Trimethylbenzene	218		39.5	125	1000	02/21/2024 15:13	WG2230897
1,2,3-Trimethylbenzene	37.2		1.58	5.00	40	02/21/2024 10:51	WG2230265
1,3,5-Trimethylbenzene	38.9		2.00	5.00	40	02/21/2024 10:51	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 10:51	WG2230265
Xylenes, Total	752		22.0	163	1000	02/21/2024 15:13	WG2230897
(S) Toluene-d8	*100*			*75.0-131*		*02/21/2024 10:51*	WG2230265
(S) Toluene-d8	*93.9*			*75.0-131*		*02/21/2024 15:13*	WG2230897
(S) 4-Bromofluorobenzene	*114*			*67.0-138*		*02/21/2024 10:51*	WG2230265
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*02/21/2024 15:13*	WG2230897
(S) 1,2-Dichloroethane-d4	*88.8*			*70.0-130*		*02/21/2024 10:51*	WG2230265
(S) 1,2-Dichloroethane-d4	*90.2*			*70.0-130*		*02/21/2024 15:13*	WG2230897

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0265		0.00230	0.00600	1	02/21/2024 01:50	WG2230022
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 01:50	WG2230022
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(a)anthracene	0.00540	E4	0.00173	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(a)pyrene	0.00303	E4	0.00179	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 01:50	WG2230022
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 01:50	WG2230022
Chrysene	U		0.00232	0.00600	1	02/21/2024 01:50	WG2230022
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 01:50	WG2230022
Fluoranthene	0.00806		0.00227	0.00600	1	02/21/2024 01:50	WG2230022
Fluorene	0.0408		0.00205	0.00600	1	02/21/2024 01:50	WG2230022
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 01:50	WG2230022
Naphthalene	13.3		0.0408	0.200	10	02/21/2024 02:59	WG2230022
Phenanthrene	0.0455		0.00231	0.00600	1	02/21/2024 01:50	WG2230022
Pyrene	0.0113		0.00200	0.00600	1	02/21/2024 01:50	WG2230022
1-Methylnaphthalene	5.40		0.0449	0.200	10	02/21/2024 02:59	WG2230022
2-Methylnaphthalene	10.9		0.0427	0.200	10	02/21/2024 02:59	WG2230022
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 01:50	WG2230022
(S) p-Terphenyl-d14	*88.1*			*23.0-120*		*02/21/2024 01:50*	WG2230022
(S) p-Terphenyl-d14	*89.3*			*23.0-120*		*02/21/2024 02:59*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 01:50*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 02:59*	WG2230022
(S) 2-Fluorobiphenyl	*74.1*			*34.0-125*		*02/21/2024 01:50*	WG2230022
(S) 2-Fluorobiphenyl	*87.9*			*34.0-125*		*02/21/2024 02:59*	WG2230022

Sample Narrative:

L1707462-04 WG2230022: Surrogate failure due to matrix interference

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 14:41	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 14:41	WG2230265
Benzene	58.3		0.467	1.00	40	02/21/2024 14:41	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 14:41	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 14:41	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 14:41	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 14:41	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 14:41	WG2230265
n-Butylbenzene	41.3		5.25	12.5	40	02/21/2024 14:41	WG2230265
sec-Butylbenzene	U		2.88	12.5	40	02/21/2024 14:41	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 14:41	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 14:41	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 14:41	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 14:41	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 14:41	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 14:41	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 14:41	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 14:41	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 14:41	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 14:41	WG2230265
Cyclohexane	93.4		22.2	50.0	800	02/22/2024 21:07	WG2231680
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 14:41	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 14:41	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 14:41	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 14:41	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 14:41	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 14:41	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 14:41	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 14:41	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 14:41	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 14:41	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 14:41	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 14:41	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 14:41	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 14:41	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 14:41	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 14:41	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 14:41	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 14:41	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 14:41	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 14:41	WG2230265
Ethylbenzene	93.0		14.7	50.0	800	02/22/2024 21:07	WG2231680
4-Ethyltoluene	35.5		2.32	5.00	40	02/21/2024 14:41	WG2230265
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 14:41	WG2230265
n-Hexane	132		45.2	100	800	02/22/2024 21:07	WG2231680
Isopropylbenzene	10.2		0.425	2.50	40	02/21/2024 14:41	WG2230265
p-Isopropyltoluene	U		2.55	5.00	40	02/21/2024 14:41	WG2230265
2-Butanone (MEK)	100		63.5	100	40	02/21/2024 14:41	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 14:41	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 14:41	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 14:41	WG2230265
Methyl Cyclohexane	71.5		2.06	5.00	40	02/21/2024 14:41	WG2230265
Naphthalene	11.9	E4	4.88	12.5	40	02/21/2024 14:41	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 14:41	WG2230265
n-Propylbenzene	26.7		0.950	5.00	40	02/21/2024 14:41	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 14:41	WG2230265

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 14:41	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 14:41	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 14:41	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 14:41	WG2230265
Toluene	374		26.0	100	800	02/22/2024 21:07	WG2231680
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 14:41	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 14:41	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 14:41	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 14:41	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 14:41	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 14:41	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 14:41	WG2230265
1,2,4-Trimethylbenzene	116		31.6	100	800	02/22/2024 21:07	WG2231680
1,2,3-Trimethylbenzene	32.3		1.58	5.00	40	02/21/2024 14:41	WG2230265
1,3,5-Trimethylbenzene	35.5		2.00	5.00	40	02/21/2024 14:41	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 14:41	WG2230265
Xylenes, Total	414		17.6	130	800	02/22/2024 21:07	WG2231680
(S) Toluene-d8	*99.8*			*75.0-131*		*02/21/2024 14:41*	WG2230265
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2024 21:07*	WG2231680
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/21/2024 14:41*	WG2230265
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*02/22/2024 21:07*	WG2231680
(S) 1,2-Dichloroethane-d4	*87.2*			*70.0-130*		*02/21/2024 14:41*	WG2230265
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*02/22/2024 21:07*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0210		0.00230	0.00600	1	02/21/2024 14:18	WG2230409
Acenaphthene	0.0341		0.00209	0.00600	1	02/21/2024 14:18	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 14:18	WG2230409
Benzo(a)anthracene	0.00413	E4	0.00173	0.00600	1	02/21/2024 14:18	WG2230409
Benzo(a)pyrene	0.00265	E4	0.00179	0.00600	1	02/21/2024 14:18	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 14:18	WG2230409
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 14:18	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 14:18	WG2230409
Chrysene	U		0.00232	0.00600	1	02/21/2024 14:18	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 14:18	WG2230409
Fluoranthene	0.00638		0.00227	0.00600	1	02/21/2024 14:18	WG2230409
Fluorene	0.0384		0.00205	0.00600	1	02/21/2024 14:18	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 14:18	WG2230409
Naphthalene	15.0		0.0816	0.400	20	02/23/2024 05:09	WG2230409
Phenanthrene	0.0457		0.00231	0.00600	1	02/21/2024 14:18	WG2230409
Pyrene	0.00950		0.00200	0.00600	1	02/21/2024 14:18	WG2230409
1-Methylnaphthalene	5.34		0.0898	0.400	20	02/23/2024 05:09	WG2230409
2-Methylnaphthalene	11.1		0.0854	0.400	20	02/23/2024 05:09	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 14:18	WG2230409
(S) p-Terphenyl-d14	*86.7*	S8		*23.0-120*		*02/23/2024 05:09*	WG2230409
(S) p-Terphenyl-d14	*82.8*			*23.0-120*		*02/21/2024 14:18*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 05:09*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 14:18*	WG2230409
(S) 2-Fluorobiphenyl	*82.9*			*34.0-125*		*02/21/2024 14:18*	WG2230409
(S) 2-Fluorobiphenyl	*90.4*	S8		*34.0-125*		*02/23/2024 05:09*	WG2230409

Sample Narrative:

L1707462-05 WG2230409: Surrogate failure due to matrix interference

L1707462-05 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		18.3	25.0	20	02/21/2024 15:00	WG2230265
Acrylonitrile	U		1.81	6.25	20	02/21/2024 15:00	WG2230265
Benzene	43.1		0.234	0.500	20	02/21/2024 15:00	WG2230265
Bromobenzene	U		0.450	6.25	20	02/21/2024 15:00	WG2230265
Bromodichloromethane	U		0.363	1.25	20	02/21/2024 15:00	WG2230265
Bromoform	U		0.585	12.5	20	02/21/2024 15:00	WG2230265
Bromomethane	U		0.985	6.25	20	02/21/2024 15:00	WG2230265
1,3-Butadiene	U		2.57	12.5	20	02/21/2024 15:00	WG2230265
n-Butylbenzene	34.4		2.63	6.25	20	02/21/2024 15:00	WG2230265
sec-Butylbenzene	1.86	E4	1.44	6.25	20	02/21/2024 15:00	WG2230265
tert-Butylbenzene	U		0.975	2.50	20	02/21/2024 15:00	WG2230265
Carbon disulfide	U		0.350	6.25	20	02/21/2024 15:00	WG2230265
Carbon tetrachloride	U		0.449	2.50	20	02/21/2024 15:00	WG2230265
Chlorobenzene	U		0.105	1.25	20	02/21/2024 15:00	WG2230265
Chlorodibromomethane	U		0.306	1.25	20	02/21/2024 15:00	WG2230265
Chloroethane	U		0.850	2.50	20	02/21/2024 15:00	WG2230265
Chloroform	U		0.515	1.25	20	02/21/2024 15:00	WG2230265
Chloromethane	U		2.18	6.25	20	02/21/2024 15:00	WG2230265
2-Chlorotoluene	U		0.433	1.25	20	02/21/2024 15:00	WG2230265
4-Chlorotoluene	U		0.225	2.50	20	02/21/2024 15:00	WG2230265
Cyclohexane	76.0		22.2	50.0	800	02/22/2024 21:27	WG2231680
1,2-Dibromo-3-Chloropropane	U		1.95	12.5	20	02/21/2024 15:00	WG2230265
1,2-Dibromoethane	U		0.324	1.25	20	02/21/2024 15:00	WG2230265
Dibromomethane	U		0.375	2.50	20	02/21/2024 15:00	WG2230265
1,2-Dichlorobenzene	U		0.213	2.50	20	02/21/2024 15:00	WG2230265
1,3-Dichlorobenzene	U		0.300	2.50	20	02/21/2024 15:00	WG2230265
1,4-Dichlorobenzene	U		0.350	2.50	20	02/21/2024 15:00	WG2230265
Dichlorodifluoromethane	U		0.805	1.25	20	02/21/2024 15:00	WG2230265
1,1-Dichloroethane	U		0.246	1.25	20	02/21/2024 15:00	WG2230265
1,2-Dichloroethane	U		0.325	1.25	20	02/21/2024 15:00	WG2230265
1,1-Dichloroethene	U		0.303	1.25	20	02/21/2024 15:00	WG2230265
cis-1,2-Dichloroethene	U		0.367	1.25	20	02/21/2024 15:00	WG2230265
trans-1,2-Dichloroethene	U		0.520	2.50	20	02/21/2024 15:00	WG2230265
1,2-Dichloropropane	U		0.710	2.50	20	02/21/2024 15:00	WG2230265
1,1-Dichloropropene	U		0.405	1.25	20	02/21/2024 15:00	WG2230265
1,3-Dichloropropane	U		0.251	2.50	20	02/21/2024 15:00	WG2230265
cis-1,3-Dichloropropene	U		0.379	1.25	20	02/21/2024 15:00	WG2230265
trans-1,3-Dichloropropene	U		0.570	2.50	20	02/21/2024 15:00	WG2230265
2,2-Dichloropropane	U		0.690	1.25	20	02/21/2024 15:00	WG2230265
Dicyclopentadiene	U		0.825	6.25	20	02/21/2024 15:00	WG2230265
Di-isopropyl ether	U		0.205	0.500	20	02/21/2024 15:00	WG2230265
Ethylbenzene	78.4		14.7	50.0	800	02/22/2024 21:27	WG2231680
4-Ethyltoluene	26.1		1.16	2.50	20	02/21/2024 15:00	WG2230265
Hexachloro-1,3-butadiene	U		3.00	12.5	20	02/21/2024 15:00	WG2230265
n-Hexane	116		45.2	100	800	02/22/2024 21:27	WG2231680
Isopropylbenzene	7.84		0.213	1.25	20	02/21/2024 15:00	WG2230265
p-Isopropyltoluene	1.28	E4	1.28	2.50	20	02/21/2024 15:00	WG2230265
2-Butanone (MEK)	86.5		31.8	50.0	20	02/21/2024 15:00	WG2230265
Methylene Chloride	U		3.32	12.5	20	02/21/2024 15:00	WG2230265
4-Methyl-2-pentanone (MIBK)	2.09	E4	1.14	12.5	20	02/21/2024 15:00	WG2230265
Methyl tert-butyl ether	U		0.175	0.500	20	02/21/2024 15:00	WG2230265
Methyl Cyclohexane	55.7	E4	41.2	100	800	02/22/2024 21:27	WG2231680
Naphthalene	10.1		2.44	6.25	20	02/21/2024 15:00	WG2230265
Propene	U		3.06	25.0	20	02/21/2024 15:00	WG2230265
n-Propylbenzene	21.2		0.475	2.50	20	02/21/2024 15:00	WG2230265
Styrene	U		0.115	6.25	20	02/21/2024 15:00	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.474	1.25	20	02/21/2024 15:00	WG2230265
1,1,2,2-Tetrachloroethane	U		0.348	1.25	20	02/21/2024 15:00	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.377	1.25	20	02/21/2024 15:00	WG2230265
Tetrachloroethene	U		0.448	1.25	20	02/21/2024 15:00	WG2230265
Toluene	308		26.0	100	800	02/22/2024 21:27	WG2231680
1,2,3-Trichlorobenzene	U		3.67	6.25	20	02/21/2024 15:00	WG2230265
1,2,4-Trichlorobenzene	U		2.20	6.25	20	02/21/2024 15:00	WG2230265
1,1,1-Trichloroethane	U		0.461	1.25	20	02/21/2024 15:00	WG2230265
1,1,2-Trichloroethane	U		0.299	1.25	20	02/21/2024 15:00	WG2230265
Trichloroethene	U		0.292	0.500	20	02/21/2024 15:00	WG2230265
Trichlorofluoromethane	U		0.414	1.25	20	02/21/2024 15:00	WG2230265
1,2,3-Trichloropropane	U		0.810	6.25	20	02/21/2024 15:00	WG2230265
1,2,4-Trimethylbenzene	104		31.6	100	800	02/22/2024 21:27	WG2231680
1,2,3-Trimethylbenzene	26.4		0.790	2.50	20	02/21/2024 15:00	WG2230265
1,3,5-Trimethylbenzene	29.4		1.00	2.50	20	02/21/2024 15:00	WG2230265
Vinyl chloride	U		0.580	1.25	20	02/21/2024 15:00	WG2230265
Xylenes, Total	340		17.6	130	800	02/22/2024 21:27	WG2231680
(S) Toluene-d8	*100*			*75.0-131*		*02/21/2024 15:00*	WG2230265
(S) Toluene-d8	*99.9*			*75.0-131*		*02/22/2024 21:27*	WG2231680
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*02/21/2024 15:00*	WG2230265
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*02/22/2024 21:27*	WG2231680
(S) 1,2-Dichloroethane-d4	*77.7*			*70.0-130*		*02/21/2024 15:00*	WG2230265
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*		*02/22/2024 21:27*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.00656		0.00230	0.00600	1	02/21/2024 14:36	WG2230409
Acenaphthene	0.0106		0.00209	0.00600	1	02/21/2024 14:36	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 14:36	WG2230409
Benzo(a)anthracene	U		0.00173	0.00600	1	02/21/2024 14:36	WG2230409
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 14:36	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 14:36	WG2230409
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 14:36	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 14:36	WG2230409
Chrysene	U		0.00232	0.00600	1	02/21/2024 14:36	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 14:36	WG2230409
Fluoranthene	U		0.00227	0.00600	1	02/21/2024 14:36	WG2230409
Fluorene	0.0124		0.00205	0.00600	1	02/21/2024 14:36	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 14:36	WG2230409
Naphthalene	4.62		0.0408	0.200	10	02/23/2024 04:16	WG2230409
Phenanthrene	0.0150		0.00231	0.00600	1	02/21/2024 14:36	WG2230409
Pyrene	0.00310	E4	0.00200	0.00600	1	02/21/2024 14:36	WG2230409
1-Methylnaphthalene	1.53		0.00449	0.0200	1	02/21/2024 14:36	WG2230409
2-Methylnaphthalene	3.17		0.00427	0.0200	1	02/21/2024 14:36	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 14:36	WG2230409
(S) p-Terphenyl-d14	*80.2*			*23.0-120*		*02/23/2024 04:16*	WG2230409
(S) p-Terphenyl-d14	*79.5*			*23.0-120*		*02/21/2024 14:36*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/23/2024 04:16*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 14:36*	WG2230409
(S) 2-Fluorobiphenyl	*79.8*			*34.0-125*		*02/23/2024 04:16*	WG2230409
(S) 2-Fluorobiphenyl	*74.7*			*34.0-125*		*02/21/2024 14:36*	WG2230409

Sample Narrative:

L1707462-06 WG2230409: Surrogate failure due to matrix interference

L1707462-06 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 15:20	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 15:20	WG2230265
Benzene	70.4		0.467	1.00	40	02/21/2024 15:20	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 15:20	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 15:20	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 15:20	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 15:20	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 15:20	WG2230265
n-Butylbenzene	57.8		5.25	12.5	40	02/21/2024 15:20	WG2230265
sec-Butylbenzene	3.33	E4	2.88	12.5	40	02/21/2024 15:20	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 15:20	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 15:20	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 15:20	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 15:20	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 15:20	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 15:20	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 15:20	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 15:20	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 15:20	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 15:20	WG2230265
Cyclohexane	139		27.8	62.5	1000	02/22/2024 21:46	WG2231680
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 15:20	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 15:20	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 15:20	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 15:20	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 15:20	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 15:20	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 15:20	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 15:20	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 15:20	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 15:20	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 15:20	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 15:20	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 15:20	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 15:20	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 15:20	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 15:20	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 15:20	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 15:20	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 15:20	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 15:20	WG2230265
Ethylbenzene	130		18.4	62.5	1000	02/22/2024 21:46	WG2231680
4-Ethyltoluene	41.9		2.32	5.00	40	02/21/2024 15:20	WG2230265
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 15:20	WG2230265
n-Hexane	231		56.5	125	1000	02/22/2024 21:46	WG2231680
Isopropylbenzene	13.1		0.425	2.50	40	02/21/2024 15:20	WG2230265
p-Isopropyltoluene	U		2.55	5.00	40	02/21/2024 15:20	WG2230265
2-Butanone (MEK)	154		63.5	100	40	02/21/2024 15:20	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 15:20	WG2230265
4-Methyl-2-pentanone (MIBK)	2.98	E4	2.28	25.0	40	02/21/2024 15:20	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 15:20	WG2230265
Methyl Cyclohexane	126		51.5	125	1000	02/22/2024 21:46	WG2231680
Naphthalene	15.6		4.88	12.5	40	02/21/2024 15:20	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 15:20	WG2230265
n-Propylbenzene	34.8		0.950	5.00	40	02/21/2024 15:20	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 15:20	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 15:20	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 15:20	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 15:20	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 15:20	WG2230265
Toluene	509		32.5	125	1000	02/22/2024 21:46	WG2231680
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 15:20	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 15:20	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 15:20	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 15:20	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 15:20	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 15:20	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 15:20	WG2230265
1,2,4-Trimethylbenzene	170		39.5	125	1000	02/22/2024 21:46	WG2231680
1,2,3-Trimethylbenzene	41.1		1.58	5.00	40	02/21/2024 15:20	WG2230265
1,3,5-Trimethylbenzene	44.5		2.00	5.00	40	02/21/2024 15:20	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 15:20	WG2230265
Xylenes, Total	557		22.0	163	1000	02/22/2024 21:46	WG2231680
(S) Toluene-d8	*102*			*75.0-131*		*02/21/2024 15:20*	WG2230265
(S) Toluene-d8	*99.7*			*75.0-131*		*02/22/2024 21:46*	WG2231680
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*02/21/2024 15:20*	WG2230265
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*02/22/2024 21:46*	WG2231680
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*		*02/21/2024 15:20*	WG2230265
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*02/22/2024 21:46*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0207		0.00230	0.00600	1	02/21/2024 14:54	WG2230409
Acenaphthene	0.0350		0.00209	0.00600	1	02/21/2024 14:54	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 14:54	WG2230409
Benzo(a)anthracene	0.00394	E4	0.00173	0.00600	1	02/21/2024 14:54	WG2230409
Benzo(a)pyrene	0.00237	E4	0.00179	0.00600	1	02/21/2024 14:54	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 14:54	WG2230409
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 14:54	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 14:54	WG2230409
Chrysene	U		0.00232	0.00600	1	02/21/2024 14:54	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 14:54	WG2230409
Fluoranthene	0.00622		0.00227	0.00600	1	02/21/2024 14:54	WG2230409
Fluorene	0.0483		0.00205	0.00600	1	02/21/2024 14:54	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 14:54	WG2230409
Naphthalene	14.8		0.0816	0.400	20	02/23/2024 05:27	WG2230409
Phenanthrene	0.0467		0.00231	0.00600	1	02/21/2024 14:54	WG2230409
Pyrene	0.00874		0.00200	0.00600	1	02/21/2024 14:54	WG2230409
1-Methylnaphthalene	5.16		0.0898	0.400	20	02/23/2024 05:27	WG2230409
2-Methylnaphthalene	10.6		0.0854	0.400	20	02/23/2024 05:27	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 14:54	WG2230409
(S) p-Terphenyl-d14	*84.3*			*23.0-120*		*02/21/2024 14:54*	WG2230409
(S) p-Terphenyl-d14	*87.0*	S8		*23.0-120*		*02/23/2024 05:27*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 14:54*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 05:27*	WG2230409
(S) 2-Fluorobiphenyl	*92.9*	S8		*34.0-125*		*02/23/2024 05:27*	WG2230409
(S) 2-Fluorobiphenyl	*86.5*			*34.0-125*		*02/21/2024 14:54*	WG2230409

Sample Narrative:

L1707462-07 WG2230409: Surrogate failure due to matrix interference

L1707462-07 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 15:40	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 15:40	WG2230265
Benzene	86.3		0.467	1.00	40	02/21/2024 15:40	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 15:40	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 15:40	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 15:40	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 15:40	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 15:40	WG2230265
n-Butylbenzene	70.5		5.25	12.5	40	02/21/2024 15:40	WG2230265
sec-Butylbenzene	4.10	E4	2.88	12.5	40	02/21/2024 15:40	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 15:40	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 15:40	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 15:40	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 15:40	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 15:40	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 15:40	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 15:40	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 15:40	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 15:40	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 15:40	WG2230265
Cyclohexane	163		27.8	62.5	1000	02/22/2024 22:06	WG2231680
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 15:40	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 15:40	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 15:40	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 15:40	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 15:40	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 15:40	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 15:40	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 15:40	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 15:40	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 15:40	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 15:40	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 15:40	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 15:40	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 15:40	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 15:40	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 15:40	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 15:40	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 15:40	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 15:40	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 15:40	WG2230265
Ethylbenzene	152		18.4	62.5	1000	02/22/2024 22:06	WG2231680
4-Ethyltoluene	56.6		2.32	5.00	40	02/21/2024 15:40	WG2230265
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 15:40	WG2230265
n-Hexane	255		56.5	125	1000	02/22/2024 22:06	WG2231680
Isopropylbenzene	16.4		0.425	2.50	40	02/21/2024 15:40	WG2230265
p-Isopropyltoluene	2.83	E4	2.55	5.00	40	02/21/2024 15:40	WG2230265
2-Butanone (MEK)	U		63.5	100	40	02/21/2024 15:40	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 15:40	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 15:40	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 15:40	WG2230265
Methyl Cyclohexane	142		51.5	125	1000	02/22/2024 22:06	WG2231680
Naphthalene	20.0		4.88	12.5	40	02/21/2024 15:40	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 15:40	WG2230265
n-Propylbenzene	45.8		0.950	5.00	40	02/21/2024 15:40	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 15:40	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 15:40	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 15:40	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 15:40	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 15:40	WG2230265
Toluene	606		32.5	125	1000	02/22/2024 22:06	WG2231680
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 15:40	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 15:40	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 15:40	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 15:40	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 15:40	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 15:40	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 15:40	WG2230265
1,2,4-Trimethylbenzene	198		39.5	125	1000	02/22/2024 22:06	WG2231680
1,2,3-Trimethylbenzene	53.7		1.58	5.00	40	02/21/2024 15:40	WG2230265
1,3,5-Trimethylbenzene	56.5		2.00	5.00	40	02/21/2024 15:40	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 15:40	WG2230265
Xylenes, Total	654		22.0	163	1000	02/22/2024 22:06	WG2231680
(S) Toluene-d8	*99.6*			*75.0-131*		*02/21/2024 15:40*	WG2230265
(S) Toluene-d8	*100*			*75.0-131*		*02/22/2024 22:06*	WG2231680
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/21/2024 15:40*	WG2230265
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/22/2024 22:06*	WG2231680
(S) 1,2-Dichloroethane-d4	*85.7*			*70.0-130*		*02/21/2024 15:40*	WG2230265
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*02/22/2024 22:06*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.00937		0.00230	0.00600	1	02/21/2024 15:12	WG2230409
Acenaphthene	0.0170		0.00209	0.00600	1	02/21/2024 15:12	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 15:12	WG2230409
Benzo(a)anthracene	0.00210	E4	0.00173	0.00600	1	02/21/2024 15:12	WG2230409
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 15:12	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 15:12	WG2230409
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 15:12	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 15:12	WG2230409
Chrysene	U		0.00232	0.00600	1	02/21/2024 15:12	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 15:12	WG2230409
Fluoranthene	0.00342	E4	0.00227	0.00600	1	02/21/2024 15:12	WG2230409
Fluorene	0.0223		0.00205	0.00600	1	02/21/2024 15:12	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 15:12	WG2230409
Naphthalene	7.83		0.0816	0.400	20	02/23/2024 05:45	WG2230409
Phenanthrene	0.0238		0.00231	0.00600	1	02/21/2024 15:12	WG2230409
Pyrene	0.00464	E4	0.00200	0.00600	1	02/21/2024 15:12	WG2230409
1-Methylnaphthalene	2.64		0.00449	0.0200	1	02/21/2024 15:12	WG2230409
2-Methylnaphthalene	5.54		0.0854	0.400	20	02/23/2024 05:45	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 15:12	WG2230409
(S) p-Terphenyl-d14	*83.1*			*23.0-120*		*02/21/2024 15:12*	WG2230409
(S) p-Terphenyl-d14	*84.9*	S8		*23.0-120*		*02/23/2024 05:45*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 05:45*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 15:12*	WG2230409
(S) 2-Fluorobiphenyl	*82.6*	S8		*34.0-125*		*02/23/2024 05:45*	WG2230409
(S) 2-Fluorobiphenyl	*70.3*			*34.0-125*		*02/21/2024 15:12*	WG2230409

Sample Narrative:

L1707462-08 WG2230409: Surrogate failure due to matrix interference

L1707462-08 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 15:59	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 15:59	WG2230265
Benzene	207		46.7	100	4000	02/22/2024 22:25	WG2231680
Bromobenzene	U		0.900	12.5	40	02/21/2024 15:59	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 15:59	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 15:59	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 15:59	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 15:59	WG2230265
n-Butylbenzene	U		525	1250	4000	02/22/2024 22:25	WG2231680
sec-Butylbenzene	8.96	E4	2.88	12.5	40	02/21/2024 15:59	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 15:59	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 15:59	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 15:59	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 15:59	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 15:59	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 15:59	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 15:59	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 15:59	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 15:59	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 15:59	WG2230265
Cyclohexane	234	E4	111	250	4000	02/22/2024 22:25	WG2231680
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 15:59	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 15:59	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 15:59	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 15:59	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 15:59	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 15:59	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 15:59	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 15:59	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 15:59	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 15:59	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 15:59	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 15:59	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 15:59	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 15:59	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 15:59	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 15:59	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 15:59	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 15:59	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 15:59	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 15:59	WG2230265
Ethylbenzene	334		73.7	250	4000	02/22/2024 22:25	WG2231680
4-Ethyltoluene	U		232	500	4000	02/22/2024 22:25	WG2231680
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 15:59	WG2230265
n-Hexane	231	E4	226	500	4000	02/22/2024 22:25	WG2231680
Isopropylbenzene	43.2		0.425	2.50	40	02/21/2024 15:59	WG2230265
p-Isopropyltoluene	5.94		2.55	5.00	40	02/21/2024 15:59	WG2230265
2-Butanone (MEK)	U		63.5	100	40	02/21/2024 15:59	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 15:59	WG2230265
4-Methyl-2-pentanone (MIBK)	4.61	E4	2.28	25.0	40	02/21/2024 15:59	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 15:59	WG2230265
Methyl Cyclohexane	U		206	500	4000	02/22/2024 22:25	WG2231680
Naphthalene	49.2		4.88	12.5	40	02/21/2024 15:59	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 15:59	WG2230265
n-Propylbenzene	U		95.0	500	4000	02/22/2024 22:25	WG2231680
Styrene	1.02	E4	0.229	12.5	40	02/21/2024 15:59	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 15:59	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 15:59	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 15:59	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 15:59	WG2230265
Toluene	1510		130	500	4000	02/22/2024 22:25	WG2231680
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 15:59	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 15:59	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 15:59	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 15:59	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 15:59	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 15:59	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 15:59	WG2230265
1,2,4-Trimethylbenzene	381	E4	158	500	4000	02/22/2024 22:25	WG2231680
1,2,3-Trimethylbenzene	U		158	500	4000	02/22/2024 22:25	WG2231680
1,3,5-Trimethylbenzene	U		200	500	4000	02/22/2024 22:25	WG2231680
Vinyl chloride	U		1.16	2.50	40	02/21/2024 15:59	WG2230265
Xylenes, Total	1420		88.0	650	4000	02/22/2024 22:25	WG2231680
(S) Toluene-d8	*101*			*75.0-131*		*02/21/2024 15:59*	WG2230265
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2024 22:25*	WG2231680
(S) 4-Bromofluorobenzene	*113*			*67.0-138*		*02/21/2024 15:59*	WG2230265
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/22/2024 22:25*	WG2231680
(S) 1,2-Dichloroethane-d4	*84.6*			*70.0-130*		*02/21/2024 15:59*	WG2230265
(S) 1,2-Dichloroethane-d4	*99.5*			*70.0-130*		*02/22/2024 22:25*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0319		0.00230	0.00600	1	02/21/2024 15:29	WG2230409
Acenaphthene	0.0561		0.00209	0.00600	1	02/21/2024 15:29	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 15:29	WG2230409
Benzo(a)anthracene	0.00599	E4	0.00173	0.00600	1	02/21/2024 15:29	WG2230409
Benzo(a)pyrene	0.00330	E4	0.00179	0.00600	1	02/21/2024 15:29	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 15:29	WG2230409
Benzo(g,h,i)perylene	0.00220	E4	0.00177	0.00600	1	02/21/2024 15:29	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 15:29	WG2230409
Chrysene	0.00310	E4	0.00232	0.00600	1	02/21/2024 15:29	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 15:29	WG2230409
Fluoranthene	0.0105		0.00227	0.00600	1	02/21/2024 15:29	WG2230409
Fluorene	0.0775		0.00205	0.00600	1	02/21/2024 15:29	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 15:29	WG2230409
Naphthalene	23.6		0.0816	0.400	20	02/23/2024 06:02	WG2230409
Phenanthrene	0.0738		0.00231	0.00600	1	02/21/2024 15:29	WG2230409
Pyrene	0.0134		0.00200	0.00600	1	02/21/2024 15:29	WG2230409
1-Methylnaphthalene	9.00		0.0898	0.400	20	02/23/2024 06:02	WG2230409
2-Methylnaphthalene	17.7		0.0854	0.400	20	02/23/2024 06:02	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 15:29	WG2230409
(S) p-Terphenyl-d14	*80.1*			*23.0-120*		*02/21/2024 15:29*	WG2230409
(S) p-Terphenyl-d14	*90.6*	S8		*23.0-120*		*02/23/2024 06:02*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 15:29*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 06:02*	WG2230409
(S) 2-Fluorobiphenyl	*95.1*	S8		*34.0-125*		*02/23/2024 06:02*	WG2230409
(S) 2-Fluorobiphenyl	*75.8*			*34.0-125*		*02/21/2024 15:29*	WG2230409

Sample Narrative:

L1707462-09 WG2230409: Surrogate failure due to matrix interference

L1707462-09 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		18.3	25.0	20	02/21/2024 16:19	WG2230265
Acrylonitrile	U		1.81	6.25	20	02/21/2024 16:19	WG2230265
Benzene	42.6		11.7	25.0	1000	02/22/2024 22:44	WG2231680
Bromobenzene	U		0.450	6.25	20	02/21/2024 16:19	WG2230265
Bromodichloromethane	U		0.363	1.25	20	02/21/2024 16:19	WG2230265
Bromoform	U		0.585	12.5	20	02/21/2024 16:19	WG2230265
Bromomethane	U		0.985	6.25	20	02/21/2024 16:19	WG2230265
1,3-Butadiene	U		2.57	12.5	20	02/21/2024 16:19	WG2230265
n-Butylbenzene	U		131	313	1000	02/22/2024 22:44	WG2231680
sec-Butylbenzene	4.99	E4	1.44	6.25	20	02/21/2024 16:19	WG2230265
tert-Butylbenzene	U		0.975	2.50	20	02/21/2024 16:19	WG2230265
Carbon disulfide	U		0.350	6.25	20	02/21/2024 16:19	WG2230265
Carbon tetrachloride	U		0.449	2.50	20	02/21/2024 16:19	WG2230265
Chlorobenzene	U		0.105	1.25	20	02/21/2024 16:19	WG2230265
Chlorodibromomethane	U		0.306	1.25	20	02/21/2024 16:19	WG2230265
Chloroethane	U		0.850	2.50	20	02/21/2024 16:19	WG2230265
Chloroform	U		0.515	1.25	20	02/21/2024 16:19	WG2230265
Chloromethane	U		2.18	6.25	20	02/21/2024 16:19	WG2230265
2-Chlorotoluene	U		0.433	1.25	20	02/21/2024 16:19	WG2230265
4-Chlorotoluene	U		0.225	2.50	20	02/21/2024 16:19	WG2230265
Cyclohexane	59.5	E4	27.8	62.5	1000	02/22/2024 22:44	WG2231680
1,2-Dibromo-3-Chloropropane	U		1.95	12.5	20	02/21/2024 16:19	WG2230265
1,2-Dibromoethane	U		0.324	1.25	20	02/21/2024 16:19	WG2230265
Dibromomethane	U		0.375	2.50	20	02/21/2024 16:19	WG2230265
1,2-Dichlorobenzene	U		0.213	2.50	20	02/21/2024 16:19	WG2230265
1,3-Dichlorobenzene	U		0.300	2.50	20	02/21/2024 16:19	WG2230265
1,4-Dichlorobenzene	U		0.350	2.50	20	02/21/2024 16:19	WG2230265
Dichlorodifluoromethane	U		0.805	1.25	20	02/21/2024 16:19	WG2230265
1,1-Dichloroethane	U		0.246	1.25	20	02/21/2024 16:19	WG2230265
1,2-Dichloroethane	U		0.325	1.25	20	02/21/2024 16:19	WG2230265
1,1-Dichloroethene	U		0.303	1.25	20	02/21/2024 16:19	WG2230265
cis-1,2-Dichloroethene	U		0.367	1.25	20	02/21/2024 16:19	WG2230265
trans-1,2-Dichloroethene	U		0.520	2.50	20	02/21/2024 16:19	WG2230265
1,2-Dichloropropane	U		0.710	2.50	20	02/21/2024 16:19	WG2230265
1,1-Dichloropropene	U		0.405	1.25	20	02/21/2024 16:19	WG2230265
1,3-Dichloropropane	U		0.251	2.50	20	02/21/2024 16:19	WG2230265
cis-1,3-Dichloropropene	U		0.379	1.25	20	02/21/2024 16:19	WG2230265
trans-1,3-Dichloropropene	U		0.570	2.50	20	02/21/2024 16:19	WG2230265
2,2-Dichloropropane	U		0.690	1.25	20	02/21/2024 16:19	WG2230265
Dicyclopentadiene	U		0.825	6.25	20	02/21/2024 16:19	WG2230265
Di-isopropyl ether	U		0.205	0.500	20	02/21/2024 16:19	WG2230265
Ethylbenzene	84.8		18.4	62.5	1000	02/22/2024 22:44	WG2231680
4-Ethyltoluene	U		58.0	125	1000	02/22/2024 22:44	WG2231680
Hexachloro-1,3-butadiene	U		3.00	12.5	20	02/21/2024 16:19	WG2230265
n-Hexane	67.3	E4	56.5	125	1000	02/22/2024 22:44	WG2231680
Isopropylbenzene	18.0		0.213	1.25	20	02/21/2024 16:19	WG2230265
p-Isopropyltoluene	2.92		1.28	2.50	20	02/21/2024 16:19	WG2230265
2-Butanone (MEK)	176		31.8	50.0	20	02/21/2024 16:19	WG2230265
Methylene Chloride	U		3.32	12.5	20	02/21/2024 16:19	WG2230265
4-Methyl-2-pentanone (MIBK)	3.55	E4	1.14	12.5	20	02/21/2024 16:19	WG2230265
Methyl tert-butyl ether	U		0.175	0.500	20	02/21/2024 16:19	WG2230265
Methyl Cyclohexane	U		51.5	125	1000	02/22/2024 22:44	WG2231680
Naphthalene	16.1		2.44	6.25	20	02/21/2024 16:19	WG2230265
Propene	U		3.06	25.0	20	02/21/2024 16:19	WG2230265
n-Propylbenzene	45.7		0.475	2.50	20	02/21/2024 16:19	WG2230265
Styrene	U		0.115	6.25	20	02/21/2024 16:19	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.474	1.25	20	02/21/2024 16:19	WG2230265
1,1,2,2-Tetrachloroethane	U		0.348	1.25	20	02/21/2024 16:19	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.377	1.25	20	02/21/2024 16:19	WG2230265
Tetrachloroethene	U		0.448	1.25	20	02/21/2024 16:19	WG2230265
Toluene	356		32.5	125	1000	02/22/2024 22:44	WG2231680
1,2,3-Trichlorobenzene	U		3.67	6.25	20	02/21/2024 16:19	WG2230265
1,2,4-Trichlorobenzene	U		2.20	6.25	20	02/21/2024 16:19	WG2230265
1,1,1-Trichloroethane	U		0.461	1.25	20	02/21/2024 16:19	WG2230265
1,1,2-Trichloroethane	U		0.299	1.25	20	02/21/2024 16:19	WG2230265
Trichloroethene	U		0.292	0.500	20	02/21/2024 16:19	WG2230265
Trichlorofluoromethane	U		0.414	1.25	20	02/21/2024 16:19	WG2230265
1,2,3-Trichloropropane	U		0.810	6.25	20	02/21/2024 16:19	WG2230265
1,2,4-Trimethylbenzene	100	E4	39.5	125	1000	02/22/2024 22:44	WG2231680
1,2,3-Trimethylbenzene	U		39.5	125	1000	02/22/2024 22:44	WG2231680
1,3,5-Trimethylbenzene	U		50.0	125	1000	02/22/2024 22:44	WG2231680
Vinyl chloride	U		0.580	1.25	20	02/21/2024 16:19	WG2230265
Xylenes, Total	345		22.0	163	1000	02/22/2024 22:44	WG2231680
(S) Toluene-d8	*100*			*75.0-131*		*02/21/2024 16:19*	WG2230265
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2024 22:44*	WG2231680
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*02/21/2024 16:19*	WG2230265
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*02/22/2024 22:44*	WG2231680
(S) 1,2-Dichloroethane-d4	*78.3*			*70.0-130*		*02/21/2024 16:19*	WG2230265
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*		*02/22/2024 22:44*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0206		0.00230	0.00600	1	02/21/2024 15:47	WG2230409
Acenaphthene	0.0382		0.00209	0.00600	1	02/21/2024 15:47	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 15:47	WG2230409
Benzo(a)anthracene	0.00428	E4	0.00173	0.00600	1	02/21/2024 15:47	WG2230409
Benzo(a)pyrene	0.00234	E4	0.00179	0.00600	1	02/21/2024 15:47	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 15:47	WG2230409
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 15:47	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 15:47	WG2230409
Chrysene	U		0.00232	0.00600	1	02/21/2024 15:47	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 15:47	WG2230409
Fluoranthene	0.00684		0.00227	0.00600	1	02/21/2024 15:47	WG2230409
Fluorene	0.0526		0.00205	0.00600	1	02/21/2024 15:47	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 15:47	WG2230409
Naphthalene	13.1		0.0816	0.400	20	02/23/2024 06:20	WG2230409
Phenanthrene	0.0414		0.00231	0.00600	1	02/21/2024 15:47	WG2230409
Pyrene	0.00928		0.00200	0.00600	1	02/21/2024 15:47	WG2230409
1-Methylnaphthalene	5.04		0.0898	0.400	20	02/23/2024 06:20	WG2230409
2-Methylnaphthalene	9.79		0.0854	0.400	20	02/23/2024 06:20	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 15:47	WG2230409
(S) p-Terphenyl-d14	*78.4*			*23.0-120*		*02/21/2024 15:47*	WG2230409
(S) p-Terphenyl-d14	*82.0*	S8		*23.0-120*		*02/23/2024 06:20*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 15:47*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 06:20*	WG2230409
(S) 2-Fluorobiphenyl	*82.4*	S8		*34.0-125*		*02/23/2024 06:20*	WG2230409
(S) 2-Fluorobiphenyl	*75.7*			*34.0-125*		*02/21/2024 15:47*	WG2230409

Sample Narrative:

L1707462-10 WG2230409: Surrogate failure due to matrix interference

L1707462-10 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/22/2024 00:40	WG2231204
Acrylonitrile	U		0.0903	0.313	1	02/22/2024 00:40	WG2231204
Benzene	0.434		0.0117	0.0250	1	02/22/2024 00:40	WG2231204
Bromobenzene	U		0.0225	0.313	1	02/22/2024 00:40	WG2231204
Bromodichloromethane	U		0.0181	0.0625	1	02/22/2024 00:40	WG2231204
Bromoform	U		0.0293	0.625	1	02/22/2024 00:40	WG2231204
Bromomethane	U		0.0493	0.313	1	02/22/2024 00:40	WG2231204
1,3-Butadiene	U	R7	0.128	0.625	1	02/22/2024 00:40	WG2231204
n-Butylbenzene	U		0.131	0.313	1	02/22/2024 00:40	WG2231204
sec-Butylbenzene	U		0.0720	0.313	1	02/22/2024 00:40	WG2231204
tert-Butylbenzene	U		0.0488	0.125	1	02/22/2024 00:40	WG2231204
Carbon disulfide	U		0.0175	0.313	1	02/22/2024 00:40	WG2231204
Carbon tetrachloride	U	R7	0.0225	0.125	1	02/22/2024 00:40	WG2231204
Chlorobenzene	U		0.00525	0.0625	1	02/22/2024 00:40	WG2231204
Chlorodibromomethane	U		0.0153	0.0625	1	02/22/2024 00:40	WG2231204
Chloroethane	U		0.0425	0.125	1	02/22/2024 00:40	WG2231204
Chloroform	U		0.0258	0.0625	1	02/22/2024 00:40	WG2231204
Chloromethane	U		0.109	0.313	1	02/22/2024 00:40	WG2231204
2-Chlorotoluene	U		0.0216	0.0625	1	02/22/2024 00:40	WG2231204
4-Chlorotoluene	U		0.0113	0.125	1	02/22/2024 00:40	WG2231204
Cyclohexane	U	R7	0.0278	0.0625	1	02/22/2024 00:40	WG2231204
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/22/2024 00:40	WG2231204
1,2-Dibromoethane	U		0.0162	0.0625	1	02/22/2024 00:40	WG2231204
Dibromomethane	U		0.0188	0.125	1	02/22/2024 00:40	WG2231204
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/22/2024 00:40	WG2231204
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/22/2024 00:40	WG2231204
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/22/2024 00:40	WG2231204
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/22/2024 00:40	WG2231204
1,1-Dichloroethane	U		0.0123	0.0625	1	02/22/2024 00:40	WG2231204
1,2-Dichloroethane	U		0.0162	0.0625	1	02/22/2024 00:40	WG2231204
1,1-Dichloroethene	U		0.0152	0.0625	1	02/22/2024 00:40	WG2231204
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/22/2024 00:40	WG2231204
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/22/2024 00:40	WG2231204
1,2-Dichloropropane	U		0.0355	0.125	1	02/22/2024 00:40	WG2231204
1,1-Dichloropropene	U	R7	0.0202	0.0625	1	02/22/2024 00:40	WG2231204
1,3-Dichloropropane	U		0.0125	0.125	1	02/22/2024 00:40	WG2231204
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/22/2024 00:40	WG2231204
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/22/2024 00:40	WG2231204
2,2-Dichloropropane	U	R7	0.0345	0.0625	1	02/22/2024 00:40	WG2231204
Dicyclopentadiene	U		0.0413	0.313	1	02/22/2024 00:40	WG2231204
Di-isopropyl ether	U		0.0103	0.0250	1	02/22/2024 00:40	WG2231204
Ethylbenzene	U		0.0184	0.0625	1	02/22/2024 00:40	WG2231204
4-Ethyltoluene	U		0.0580	0.125	1	02/22/2024 00:40	WG2231204
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	02/22/2024 00:40	WG2231204
n-Hexane	U	R7	0.0565	0.125	1	02/22/2024 00:40	WG2231204
Isopropylbenzene	U		0.0106	0.0625	1	02/22/2024 00:40	WG2231204
p-Isopropyltoluene	U		0.0638	0.125	1	02/22/2024 00:40	WG2231204
2-Butanone (MEK)	U		1.59	2.50	1	02/22/2024 00:40	WG2231204
Methylene Chloride	U		0.166	0.625	1	02/22/2024 00:40	WG2231204
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/22/2024 00:40	WG2231204
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/22/2024 00:40	WG2231204
Methyl Cyclohexane	U		0.0515	0.125	1	02/22/2024 00:40	WG2231204
Naphthalene	U		0.122	0.313	1	02/22/2024 00:40	WG2231204
Propene	U	R7	0.153	1.25	1	02/22/2024 00:40	WG2231204
n-Propylbenzene	U		0.0238	0.125	1	02/22/2024 00:40	WG2231204
Styrene	U		0.00573	0.313	1	02/22/2024 00:40	WG2231204

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/22/2024 00:40	WG2231204
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/22/2024 00:40	WG2231204
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	02/22/2024 00:40	WG2231204
Tetrachloroethene	U		0.0224	0.0625	1	02/22/2024 00:40	WG2231204
Toluene	0.335		0.0325	0.125	1	02/22/2024 00:40	WG2231204
1,2,3-Trichlorobenzene	U	R7	0.183	0.313	1	02/22/2024 00:40	WG2231204
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/22/2024 00:40	WG2231204
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/22/2024 00:40	WG2231204
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/22/2024 00:40	WG2231204
Trichloroethene	U		0.0146	0.0250	1	02/22/2024 00:40	WG2231204
Trichlorofluoromethane	U	R7	0.0207	0.0625	1	02/22/2024 00:40	WG2231204
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/22/2024 00:40	WG2231204
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:40	WG2231204
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:40	WG2231204
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/22/2024 00:40	WG2231204
Vinyl chloride	U	R7	0.0290	0.0625	1	02/22/2024 00:40	WG2231204
Xylenes, Total	0.0567	E4	0.0220	0.163	1	02/22/2024 00:40	WG2231204
(S) Toluene-d8	*100*			*75.0-131*		*02/22/2024 00:40*	WG2231204
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/22/2024 00:40*	WG2231204
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*02/22/2024 00:40*	WG2231204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/21/2024 22:42	WG2230415
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 22:42	WG2230415
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 22:42	WG2230415
Benzo(a)anthracene	U		0.00173	0.00600	1	02/21/2024 22:42	WG2230415
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 22:42	WG2230415
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 22:42	WG2230415
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 22:42	WG2230415
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 22:42	WG2230415
Chrysene	U		0.00232	0.00600	1	02/21/2024 22:42	WG2230415
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 22:42	WG2230415
Fluoranthene	U		0.00227	0.00600	1	02/21/2024 22:42	WG2230415
Fluorene	U		0.00205	0.00600	1	02/21/2024 22:42	WG2230415
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 22:42	WG2230415
Naphthalene	U		0.00408	0.0200	1	02/21/2024 22:42	WG2230415
Phenanthrene	U		0.00231	0.00600	1	02/21/2024 22:42	WG2230415
Pyrene	U		0.00200	0.00600	1	02/21/2024 22:42	WG2230415
1-Methylnaphthalene	U		0.00449	0.0200	1	02/21/2024 22:42	WG2230415
2-Methylnaphthalene	U		0.00427	0.0200	1	02/21/2024 22:42	WG2230415
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 22:42	WG2230415
(S) p-Terphenyl-d14	*74.5*			*23.0-120*		*02/21/2024 22:42*	WG2230415
(S) Nitrobenzene-d5	*55.2*			*14.0-149*		*02/21/2024 22:42*	WG2230415
(S) 2-Fluorobiphenyl	*60.9*			*34.0-125*		*02/21/2024 22:42*	WG2230415

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/22/2024 00:59	WG2231204
Acrylonitrile	U		0.0903	0.313	1	02/22/2024 00:59	WG2231204
Benzene	1.14		0.0117	0.0250	1	02/22/2024 00:59	WG2231204
Bromobenzene	U		0.0225	0.313	1	02/22/2024 00:59	WG2231204
Bromodichloromethane	U		0.0181	0.0625	1	02/22/2024 00:59	WG2231204
Bromoform	U		0.0293	0.625	1	02/22/2024 00:59	WG2231204
Bromomethane	U		0.0493	0.313	1	02/22/2024 00:59	WG2231204
1,3-Butadiene	U	R7	0.128	0.625	1	02/22/2024 00:59	WG2231204
n-Butylbenzene	U		0.131	0.313	1	02/22/2024 00:59	WG2231204
sec-Butylbenzene	U		0.0720	0.313	1	02/22/2024 00:59	WG2231204
tert-Butylbenzene	U		0.0488	0.125	1	02/22/2024 00:59	WG2231204
Carbon disulfide	U		0.0175	0.313	1	02/22/2024 00:59	WG2231204
Carbon tetrachloride	U	R7	0.0225	0.125	1	02/22/2024 00:59	WG2231204
Chlorobenzene	U		0.00525	0.0625	1	02/22/2024 00:59	WG2231204
Chlorodibromomethane	U		0.0153	0.0625	1	02/22/2024 00:59	WG2231204
Chloroethane	U		0.0425	0.125	1	02/22/2024 00:59	WG2231204
Chloroform	U		0.0258	0.0625	1	02/22/2024 00:59	WG2231204
Chloromethane	U		0.109	0.313	1	02/22/2024 00:59	WG2231204
2-Chlorotoluene	U		0.0216	0.0625	1	02/22/2024 00:59	WG2231204
4-Chlorotoluene	U		0.0113	0.125	1	02/22/2024 00:59	WG2231204
Cyclohexane	0.0697	R7	0.0278	0.0625	1	02/22/2024 00:59	WG2231204
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/22/2024 00:59	WG2231204
1,2-Dibromoethane	U		0.0162	0.0625	1	02/22/2024 00:59	WG2231204
Dibromomethane	U		0.0188	0.125	1	02/22/2024 00:59	WG2231204
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/22/2024 00:59	WG2231204
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/22/2024 00:59	WG2231204
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/22/2024 00:59	WG2231204
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/22/2024 00:59	WG2231204
1,1-Dichloroethane	U		0.0123	0.0625	1	02/22/2024 00:59	WG2231204
1,2-Dichloroethane	U		0.0162	0.0625	1	02/22/2024 00:59	WG2231204
1,1-Dichloroethene	U		0.0152	0.0625	1	02/22/2024 00:59	WG2231204
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/22/2024 00:59	WG2231204
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/22/2024 00:59	WG2231204
1,2-Dichloropropane	U		0.0355	0.125	1	02/22/2024 00:59	WG2231204
1,1-Dichloropropene	U	R7	0.0202	0.0625	1	02/22/2024 00:59	WG2231204
1,3-Dichloropropane	U		0.0125	0.125	1	02/22/2024 00:59	WG2231204
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/22/2024 00:59	WG2231204
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/22/2024 00:59	WG2231204
2,2-Dichloropropane	U	R7	0.0345	0.0625	1	02/22/2024 00:59	WG2231204
Dicyclopentadiene	U		0.0413	0.313	1	02/22/2024 00:59	WG2231204
Di-isopropyl ether	U		0.0103	0.0250	1	02/22/2024 00:59	WG2231204
Ethylbenzene	U		0.0184	0.0625	1	02/22/2024 00:59	WG2231204
4-Ethyltoluene	U		0.0580	0.125	1	02/22/2024 00:59	WG2231204
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	02/22/2024 00:59	WG2231204
n-Hexane	U	R7	0.0565	0.125	1	02/22/2024 00:59	WG2231204
Isopropylbenzene	U		0.0106	0.0625	1	02/22/2024 00:59	WG2231204
p-Isopropyltoluene	U		0.0638	0.125	1	02/22/2024 00:59	WG2231204
2-Butanone (MEK)	U		1.59	2.50	1	02/22/2024 00:59	WG2231204
Methylene Chloride	U		0.166	0.625	1	02/22/2024 00:59	WG2231204
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/22/2024 00:59	WG2231204
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/22/2024 00:59	WG2231204
Methyl Cyclohexane	U		0.0515	0.125	1	02/22/2024 00:59	WG2231204
Naphthalene	U		0.122	0.313	1	02/22/2024 00:59	WG2231204
Propene	U	R7	0.153	1.25	1	02/22/2024 00:59	WG2231204
n-Propylbenzene	U		0.0238	0.125	1	02/22/2024 00:59	WG2231204
Styrene	U		0.00573	0.313	1	02/22/2024 00:59	WG2231204

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/22/2024 00:59	WG2231204
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/22/2024 00:59	WG2231204
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	02/22/2024 00:59	WG2231204
Tetrachloroethene	U		0.0224	0.0625	1	02/22/2024 00:59	WG2231204
Toluene	0.277		0.0325	0.125	1	02/22/2024 00:59	WG2231204
1,2,3-Trichlorobenzene	U	R7	0.183	0.313	1	02/22/2024 00:59	WG2231204
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/22/2024 00:59	WG2231204
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/22/2024 00:59	WG2231204
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/22/2024 00:59	WG2231204
Trichloroethene	U		0.0146	0.0250	1	02/22/2024 00:59	WG2231204
Trichlorofluoromethane	U	R7	0.0207	0.0625	1	02/22/2024 00:59	WG2231204
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/22/2024 00:59	WG2231204
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:59	WG2231204
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/22/2024 00:59	WG2231204
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/22/2024 00:59	WG2231204
Vinyl chloride	U	R7	0.0290	0.0625	1	02/22/2024 00:59	WG2231204
Xylenes, Total	0.258		0.0220	0.163	1	02/22/2024 00:59	WG2231204
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2024 00:59*	WG2231204
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/22/2024 00:59*	WG2231204
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*02/22/2024 00:59*	WG2231204

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/21/2024 22:59	WG2230415
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 22:59	WG2230415
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 22:59	WG2230415
Benzo(a)anthracene	U		0.00173	0.00600	1	02/21/2024 22:59	WG2230415
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 22:59	WG2230415
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 22:59	WG2230415
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 22:59	WG2230415
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 22:59	WG2230415
Chrysene	U		0.00232	0.00600	1	02/21/2024 22:59	WG2230415
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 22:59	WG2230415
Fluoranthene	U		0.00227	0.00600	1	02/21/2024 22:59	WG2230415
Fluorene	U		0.00205	0.00600	1	02/21/2024 22:59	WG2230415
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 22:59	WG2230415
Naphthalene	U		0.00408	0.0200	1	02/21/2024 22:59	WG2230415
Phenanthrene	U		0.00231	0.00600	1	02/21/2024 22:59	WG2230415
Pyrene	U		0.00200	0.00600	1	02/21/2024 22:59	WG2230415
1-Methylnaphthalene	U		0.00449	0.0200	1	02/21/2024 22:59	WG2230415
2-Methylnaphthalene	U		0.00427	0.0200	1	02/21/2024 22:59	WG2230415
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 22:59	WG2230415
(S) p-Terphenyl-d14	*61.3*			*23.0-120*		*02/21/2024 22:59*	WG2230415
(S) Nitrobenzene-d5	*49.0*			*14.0-149*		*02/21/2024 22:59*	WG2230415
(S) 2-Fluorobiphenyl	*55.4*			*34.0-125*		*02/21/2024 22:59*	WG2230415

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 11:10	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 11:10	WG2230265
Benzene	71.2		0.467	1.00	40	02/21/2024 11:10	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 11:10	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 11:10	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 11:10	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 11:10	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 11:10	WG2230265
n-Butylbenzene	75.8		5.25	12.5	40	02/21/2024 11:10	WG2230265
sec-Butylbenzene	3.56	E4	2.88	12.5	40	02/21/2024 11:10	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 11:10	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 11:10	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 11:10	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 11:10	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 11:10	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 11:10	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 11:10	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 11:10	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 11:10	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 11:10	WG2230265
Cyclohexane	152		27.8	62.5	1000	02/21/2024 15:35	WG2230897
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 11:10	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 11:10	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 11:10	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 11:10	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 11:10	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 11:10	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 11:10	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 11:10	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 11:10	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 11:10	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 11:10	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 11:10	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 11:10	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 11:10	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 11:10	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 11:10	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 11:10	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 11:10	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 11:10	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 11:10	WG2230265
Ethylbenzene	172		18.4	62.5	1000	02/21/2024 15:35	WG2230897
4-Ethyltoluene	217		58.0	125	1000	02/21/2024 15:35	WG2230897
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 11:10	WG2230265
n-Hexane	225		56.5	125	1000	02/21/2024 15:35	WG2230897
Isopropylbenzene	14.1		0.425	2.50	40	02/21/2024 11:10	WG2230265
p-Isopropyltoluene	U		2.55	5.00	40	02/21/2024 11:10	WG2230265
2-Butanone (MEK)	136		63.5	100	40	02/21/2024 11:10	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 11:10	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 11:10	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 11:10	WG2230265
Methyl Cyclohexane	218		51.5	125	1000	02/21/2024 15:35	WG2230897
Naphthalene	23.6		4.88	12.5	40	02/21/2024 11:10	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 11:10	WG2230265
n-Propylbenzene	42.4		0.950	5.00	40	02/21/2024 11:10	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 11:10	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 11:10	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 11:10	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 11:10	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 11:10	WG2230265
Toluene	655		32.5	125	1000	02/21/2024 15:35	WG2230897
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 11:10	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 11:10	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 11:10	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 11:10	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 11:10	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 11:10	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 11:10	WG2230265
1,2,4-Trimethylbenzene	234		39.5	125	1000	02/21/2024 15:35	WG2230897
1,2,3-Trimethylbenzene	54.3		1.58	5.00	40	02/21/2024 11:10	WG2230265
1,3,5-Trimethylbenzene	58.8		2.00	5.00	40	02/21/2024 11:10	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 11:10	WG2230265
Xylenes, Total	816		22.0	163	1000	02/21/2024 15:35	WG2230897
(S) Toluene-d8	*101*			*75.0-131*		*02/21/2024 11:10*	WG2230265
(S) Toluene-d8	*96.5*			*75.0-131*		*02/21/2024 15:35*	WG2230897
(S) 4-Bromofluorobenzene	*112*			*67.0-138*		*02/21/2024 11:10*	WG2230265
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*02/21/2024 15:35*	WG2230897
(S) 1,2-Dichloroethane-d4	*85.2*			*70.0-130*		*02/21/2024 11:10*	WG2230265
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*02/21/2024 15:35*	WG2230897

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0152		0.00230	0.00600	1	02/21/2024 02:07	WG2230022
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 02:07	WG2230022
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(a)anthracene	0.00352	E4	0.00173	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 02:07	WG2230022
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 02:07	WG2230022
Chrysene	U		0.00232	0.00600	1	02/21/2024 02:07	WG2230022
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 02:07	WG2230022
Fluoranthene	0.00493	E4	0.00227	0.00600	1	02/21/2024 02:07	WG2230022
Fluorene	0.0273		0.00205	0.00600	1	02/21/2024 02:07	WG2230022
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 02:07	WG2230022
Naphthalene	11.6	M3	0.0408	0.200	10	02/21/2024 03:16	WG2230022
Phenanthrene	0.0291		0.00231	0.00600	1	02/21/2024 02:07	WG2230022
Pyrene	0.00675		0.00200	0.00600	1	02/21/2024 02:07	WG2230022
1-Methylnaphthalene	4.03	M3	0.0449	0.200	10	02/21/2024 03:16	WG2230022
2-Methylnaphthalene	8.36	M3	0.0427	0.200	10	02/21/2024 03:16	WG2230022
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 02:07	WG2230022
(S) p-Terphenyl-d14	*83.1*			*23.0-120*		*02/21/2024 02:07*	WG2230022
(S) p-Terphenyl-d14	*79.7*			*23.0-120*		*02/21/2024 03:16*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 02:07*	WG2230022
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 03:16*	WG2230022
(S) 2-Fluorobiphenyl	*83.9*			*34.0-125*		*02/21/2024 03:16*	WG2230022
(S) 2-Fluorobiphenyl	*77.6*			*34.0-125*		*02/21/2024 02:07*	WG2230022

Sample Narrative:

L1707462-13 WG2230022: Surrogate failure due to matrix interference

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 16:38	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 16:38	WG2230265
Benzene	70.9		0.467	1.00	40	02/21/2024 16:38	WG2230265
Bromobenzene	U		0.900	12.5	40	02/21/2024 16:38	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 16:38	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 16:38	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 16:38	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 16:38	WG2230265
n-Butylbenzene	58.1		5.25	12.5	40	02/21/2024 16:38	WG2230265
sec-Butylbenzene	3.59	E4	2.88	12.5	40	02/21/2024 16:38	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 16:38	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 16:38	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 16:38	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 16:38	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 16:38	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 16:38	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 16:38	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 16:38	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 16:38	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 16:38	WG2230265
Cyclohexane	118		27.8	62.5	1000	02/22/2024 23:03	WG2231680
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 16:38	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 16:38	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 16:38	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 16:38	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 16:38	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 16:38	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 16:38	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 16:38	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 16:38	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 16:38	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 16:38	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 16:38	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 16:38	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 16:38	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 16:38	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 16:38	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 16:38	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 16:38	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 16:38	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 16:38	WG2230265
Ethylbenzene	138		18.4	62.5	1000	02/22/2024 23:03	WG2231680
4-Ethyltoluene	48.6		2.32	5.00	40	02/21/2024 16:38	WG2230265
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 16:38	WG2230265
n-Hexane	154		56.5	125	1000	02/22/2024 23:03	WG2231680
Isopropylbenzene	13.9		0.425	2.50	40	02/21/2024 16:38	WG2230265
p-Isopropyltoluene	U		2.55	5.00	40	02/21/2024 16:38	WG2230265
2-Butanone (MEK)	99.6	E4	63.5	100	40	02/21/2024 16:38	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 16:38	WG2230265
4-Methyl-2-pentanone (MIBK)	2.49	E4	2.28	25.0	40	02/21/2024 16:38	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 16:38	WG2230265
Methyl Cyclohexane	86.7	E4	51.5	125	1000	02/22/2024 23:03	WG2231680
Naphthalene	19.2		4.88	12.5	40	02/21/2024 16:38	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 16:38	WG2230265
n-Propylbenzene	36.0		0.950	5.00	40	02/21/2024 16:38	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 16:38	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 16:38	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 16:38	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 16:38	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 16:38	WG2230265
Toluene	534		32.5	125	1000	02/22/2024 23:03	WG2231680
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 16:38	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 16:38	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 16:38	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 16:38	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 16:38	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 16:38	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 16:38	WG2230265
1,2,4-Trimethylbenzene	176		39.5	125	1000	02/22/2024 23:03	WG2231680
1,2,3-Trimethylbenzene	44.8		1.58	5.00	40	02/21/2024 16:38	WG2230265
1,3,5-Trimethylbenzene	43.8		2.00	5.00	40	02/21/2024 16:38	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 16:38	WG2230265
Xylenes, Total	606		22.0	163	1000	02/22/2024 23:03	WG2231680
(S) Toluene-d8	*100*			*75.0-131*		*02/21/2024 16:38*	WG2230265
(S) Toluene-d8	*100*			*75.0-131*		*02/22/2024 23:03*	WG2231680
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*02/21/2024 16:38*	WG2230265
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/22/2024 23:03*	WG2231680
(S) 1,2-Dichloroethane-d4	*91.2*			*70.0-130*		*02/21/2024 16:38*	WG2230265
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*02/22/2024 23:03*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0221		0.00230	0.00600	1	02/21/2024 16:05	WG2230409
Acenaphthene	0.0367		0.00209	0.00600	1	02/21/2024 16:05	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 16:05	WG2230409
Benzo(a)anthracene	0.00414	E4	0.00173	0.00600	1	02/21/2024 16:05	WG2230409
Benzo(a)pyrene	0.00233	E4	0.00179	0.00600	1	02/21/2024 16:05	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 16:05	WG2230409
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 16:05	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 16:05	WG2230409
Chrysene	U		0.00232	0.00600	1	02/21/2024 16:05	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 16:05	WG2230409
Fluoranthene	0.00685		0.00227	0.00600	1	02/21/2024 16:05	WG2230409
Fluorene	0.0434		0.00205	0.00600	1	02/21/2024 16:05	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 16:05	WG2230409
Naphthalene	17.3		0.0816	0.400	20	02/23/2024 06:38	WG2230409
Phenanthrene	0.0433		0.00231	0.00600	1	02/21/2024 16:05	WG2230409
Pyrene	0.0101		0.00200	0.00600	1	02/21/2024 16:05	WG2230409
1-Methylnaphthalene	6.04		0.0898	0.400	20	02/23/2024 06:38	WG2230409
2-Methylnaphthalene	12.5		0.0854	0.400	20	02/23/2024 06:38	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 16:05	WG2230409
(S) p-Terphenyl-d14	*78.0*	S8		*23.0-120*		*02/23/2024 06:38*	WG2230409
(S) p-Terphenyl-d14	*74.4*			*23.0-120*		*02/21/2024 16:05*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 16:05*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 06:38*	WG2230409
(S) 2-Fluorobiphenyl	*78.6*			*34.0-125*		*02/21/2024 16:05*	WG2230409
(S) 2-Fluorobiphenyl	*82.9*	S8		*34.0-125*		*02/23/2024 06:38*	WG2230409

Sample Narrative:

L1707462-14 WG2230409: Surrogate failure due to matrix interference

L1707462-14 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 16:58	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 16:58	WG2230265
Benzene	354		46.7	100	4000	02/22/2024 23:23	WG2231680
Bromobenzene	U		0.900	12.5	40	02/21/2024 16:58	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 16:58	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 16:58	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 16:58	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 16:58	WG2230265
n-Butylbenzene	U		525	1250	4000	02/22/2024 23:23	WG2231680
sec-Butylbenzene	11.2	E4	2.88	12.5	40	02/21/2024 16:58	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 16:58	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 16:58	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 16:58	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 16:58	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 16:58	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 16:58	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 16:58	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 16:58	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 16:58	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 16:58	WG2230265
Cyclohexane	554		111	250	4000	02/22/2024 23:23	WG2231680
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 16:58	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 16:58	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 16:58	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 16:58	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 16:58	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 16:58	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 16:58	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 16:58	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 16:58	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 16:58	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 16:58	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 16:58	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 16:58	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 16:58	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 16:58	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 16:58	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 16:58	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 16:58	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 16:58	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 16:58	WG2230265
Ethylbenzene	601		73.7	250	4000	02/22/2024 23:23	WG2231680
4-Ethyltoluene	U		232	500	4000	02/22/2024 23:23	WG2231680
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 16:58	WG2230265
n-Hexane	714		226	500	4000	02/22/2024 23:23	WG2231680
Isopropylbenzene	51.2		0.425	2.50	40	02/21/2024 16:58	WG2230265
p-Isopropyltoluene	6.88		2.55	5.00	40	02/21/2024 16:58	WG2230265
2-Butanone (MEK)	U		63.5	100	40	02/21/2024 16:58	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 16:58	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 16:58	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 16:58	WG2230265
Methyl Cyclohexane	334	E4	206	500	4000	02/22/2024 23:23	WG2231680
Naphthalene	63.2		4.88	12.5	40	02/21/2024 16:58	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 16:58	WG2230265
n-Propylbenzene	127	E4	95.0	500	4000	02/22/2024 23:23	WG2231680
Styrene	1.35	E4	0.229	12.5	40	02/21/2024 16:58	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 16:58	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 16:58	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 16:58	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 16:58	WG2230265
Toluene	2490		130	500	4000	02/22/2024 23:23	WG2231680
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 16:58	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 16:58	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 16:58	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 16:58	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 16:58	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 16:58	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 16:58	WG2230265
1,2,4-Trimethylbenzene	677		158	500	4000	02/22/2024 23:23	WG2231680
1,2,3-Trimethylbenzene	U		158	500	4000	02/22/2024 23:23	WG2231680
1,3,5-Trimethylbenzene	U		200	500	4000	02/22/2024 23:23	WG2231680
Vinyl chloride	U		1.16	2.50	40	02/21/2024 16:58	WG2230265
Xylenes, Total	2580		88.0	650	4000	02/22/2024 23:23	WG2231680
(S) Toluene-d8	*98.3*			*75.0-131*		*02/21/2024 16:58*	WG2230265
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2024 23:23*	WG2231680
(S) 4-Bromofluorobenzene	*112*			*67.0-138*		*02/21/2024 16:58*	WG2230265
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*02/22/2024 23:23*	WG2231680
(S) 1,2-Dichloroethane-d4	*85.0*			*70.0-130*		*02/21/2024 16:58*	WG2230265
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*02/22/2024 23:23*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0846		0.00230	0.00600	1	02/21/2024 16:23	WG2230409
Acenaphthene	0.147		0.00209	0.00600	1	02/21/2024 16:23	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 16:23	WG2230409
Benzo(a)anthracene	0.0157		0.00173	0.00600	1	02/21/2024 16:23	WG2230409
Benzo(a)pyrene	0.00977		0.00179	0.00600	1	02/21/2024 16:23	WG2230409
Benzo(b)fluoranthene	0.00412	E4	0.00153	0.00600	1	02/21/2024 16:23	WG2230409
Benzo(g,h,i)perylene	0.00559	E4	0.00177	0.00600	1	02/21/2024 16:23	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 16:23	WG2230409
Chrysene	0.00787		0.00232	0.00600	1	02/21/2024 16:23	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 16:23	WG2230409
Fluoranthene	0.0250		0.00227	0.00600	1	02/21/2024 16:23	WG2230409
Fluorene	0.188		0.00205	0.00600	1	02/21/2024 16:23	WG2230409
Indeno(1,2,3-cd)pyrene	0.00309	E4	0.00181	0.00600	1	02/21/2024 16:23	WG2230409
Naphthalene	57.0		0.0816	0.400	20	02/23/2024 06:56	WG2230409
Phenanthrene	0.175		0.00231	0.00600	1	02/21/2024 16:23	WG2230409
Pyrene	0.0364		0.00200	0.00600	1	02/21/2024 16:23	WG2230409
1-Methylnaphthalene	21.0		0.0898	0.400	20	02/23/2024 06:56	WG2230409
2-Methylnaphthalene	43.5		0.0854	0.400	20	02/23/2024 06:56	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 16:23	WG2230409
(S) p-Terphenyl-d14	*97.3*	S8		*23.0-120*		*02/23/2024 06:56*	WG2230409
(S) p-Terphenyl-d14	*88.7*			*23.0-120*		*02/21/2024 16:23*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 16:23*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 06:56*	WG2230409
(S) 2-Fluorobiphenyl	*97.5*	S8		*34.0-125*		*02/23/2024 06:56*	WG2230409
(S) 2-Fluorobiphenyl	*90.5*			*34.0-125*		*02/21/2024 16:23*	WG2230409

Sample Narrative:

L1707462-15 WG2230409: Surrogate failure due to matrix interference

L1707462-15 WG2230409: Dilution and surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/21/2024 17:16	WG2230265
Acrylonitrile	U		3.61	12.5	40	02/21/2024 17:16	WG2230265
Benzene	76.5		23.4	50.0	2000	02/22/2024 23:42	WG2231680
Bromobenzene	U		0.900	12.5	40	02/21/2024 17:16	WG2230265
Bromodichloromethane	U		0.725	2.50	40	02/21/2024 17:16	WG2230265
Bromoform	U		1.17	25.0	40	02/21/2024 17:16	WG2230265
Bromomethane	U		1.97	12.5	40	02/21/2024 17:16	WG2230265
1,3-Butadiene	U		5.13	25.0	40	02/21/2024 17:16	WG2230265
n-Butylbenzene	U		263	625	2000	02/22/2024 23:42	WG2231680
sec-Butylbenzene	6.48	E4	2.88	12.5	40	02/21/2024 17:16	WG2230265
tert-Butylbenzene	U		1.95	5.00	40	02/21/2024 17:16	WG2230265
Carbon disulfide	U		0.700	12.5	40	02/21/2024 17:16	WG2230265
Carbon tetrachloride	U		0.898	5.00	40	02/21/2024 17:16	WG2230265
Chlorobenzene	U		0.210	2.50	40	02/21/2024 17:16	WG2230265
Chlorodibromomethane	U		0.612	2.50	40	02/21/2024 17:16	WG2230265
Chloroethane	U		1.70	5.00	40	02/21/2024 17:16	WG2230265
Chloroform	U		1.03	2.50	40	02/21/2024 17:16	WG2230265
Chloromethane	U		4.35	12.5	40	02/21/2024 17:16	WG2230265
2-Chlorotoluene	U		0.865	2.50	40	02/21/2024 17:16	WG2230265
4-Chlorotoluene	U		0.450	5.00	40	02/21/2024 17:16	WG2230265
Cyclohexane	169		55.5	125	2000	02/22/2024 23:42	WG2231680
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/21/2024 17:16	WG2230265
1,2-Dibromoethane	U		0.648	2.50	40	02/21/2024 17:16	WG2230265
Dibromomethane	U		0.750	5.00	40	02/21/2024 17:16	WG2230265
1,2-Dichlorobenzene	U		0.425	5.00	40	02/21/2024 17:16	WG2230265
1,3-Dichlorobenzene	U		0.600	5.00	40	02/21/2024 17:16	WG2230265
1,4-Dichlorobenzene	U		0.700	5.00	40	02/21/2024 17:16	WG2230265
Dichlorodifluoromethane	U		1.61	2.50	40	02/21/2024 17:16	WG2230265
1,1-Dichloroethane	U		0.491	2.50	40	02/21/2024 17:16	WG2230265
1,2-Dichloroethane	U		0.649	2.50	40	02/21/2024 17:16	WG2230265
1,1-Dichloroethene	U		0.606	2.50	40	02/21/2024 17:16	WG2230265
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/21/2024 17:16	WG2230265
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/21/2024 17:16	WG2230265
1,2-Dichloropropane	U		1.42	5.00	40	02/21/2024 17:16	WG2230265
1,1-Dichloropropene	U		0.809	2.50	40	02/21/2024 17:16	WG2230265
1,3-Dichloropropane	U		0.501	5.00	40	02/21/2024 17:16	WG2230265
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/21/2024 17:16	WG2230265
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/21/2024 17:16	WG2230265
2,2-Dichloropropane	U		1.38	2.50	40	02/21/2024 17:16	WG2230265
Dicyclopentadiene	U		1.65	12.5	40	02/21/2024 17:16	WG2230265
Di-isopropyl ether	U		0.410	1.00	40	02/21/2024 17:16	WG2230265
Ethylbenzene	161		36.9	125	2000	02/22/2024 23:42	WG2231680
4-Ethyltoluene	87.7		2.32	5.00	40	02/21/2024 17:16	WG2230265
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/21/2024 17:16	WG2230265
n-Hexane	257		113	250	2000	02/22/2024 23:42	WG2231680
Isopropylbenzene	23.1		0.425	2.50	40	02/21/2024 17:16	WG2230265
p-Isopropyltoluene	4.07	E4	2.55	5.00	40	02/21/2024 17:16	WG2230265
2-Butanone (MEK)	247		63.5	100	40	02/21/2024 17:16	WG2230265
Methylene Chloride	U		6.64	25.0	40	02/21/2024 17:16	WG2230265
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/21/2024 17:16	WG2230265
Methyl tert-butyl ether	U		0.350	1.00	40	02/21/2024 17:16	WG2230265
Methyl Cyclohexane	123	E4	103	250	2000	02/22/2024 23:42	WG2231680
Naphthalene	33.8		4.88	12.5	40	02/21/2024 17:16	WG2230265
Propene	U		6.12	50.0	40	02/21/2024 17:16	WG2230265
n-Propylbenzene	64.8		0.950	5.00	40	02/21/2024 17:16	WG2230265
Styrene	U		0.229	12.5	40	02/21/2024 17:16	WG2230265

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/21/2024 17:16	WG2230265
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/21/2024 17:16	WG2230265
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/21/2024 17:16	WG2230265
Tetrachloroethene	U		0.896	2.50	40	02/21/2024 17:16	WG2230265
Toluene	588		65.0	250	2000	02/22/2024 23:42	WG2231680
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/21/2024 17:16	WG2230265
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/21/2024 17:16	WG2230265
1,1,1-Trichloroethane	U		0.923	2.50	40	02/21/2024 17:16	WG2230265
1,1,2-Trichloroethane	U		0.597	2.50	40	02/21/2024 17:16	WG2230265
Trichloroethene	U		0.584	1.00	40	02/21/2024 17:16	WG2230265
Trichlorofluoromethane	U		0.827	2.50	40	02/21/2024 17:16	WG2230265
1,2,3-Trichloropropane	U		1.62	12.5	40	02/21/2024 17:16	WG2230265
1,2,4-Trimethylbenzene	237	E4	79.0	250	2000	02/22/2024 23:42	WG2231680
1,2,3-Trimethylbenzene	79.1		1.58	5.00	40	02/21/2024 17:16	WG2230265
1,3,5-Trimethylbenzene	81.4		2.00	5.00	40	02/21/2024 17:16	WG2230265
Vinyl chloride	U		1.16	2.50	40	02/21/2024 17:16	WG2230265
Xylenes, Total	738		44.0	325	2000	02/22/2024 23:42	WG2231680
(S) Toluene-d8	*102*			*75.0-131*		*02/21/2024 17:16*	WG2230265
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2024 23:42*	WG2231680
(S) 4-Bromofluorobenzene	*115*			*67.0-138*		*02/21/2024 17:16*	WG2230265
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/22/2024 23:42*	WG2231680
(S) 1,2-Dichloroethane-d4	*87.9*			*70.0-130*		*02/21/2024 17:16*	WG2230265
(S) 1,2-Dichloroethane-d4	*97.4*			*70.0-130*		*02/22/2024 23:42*	WG2231680

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0200		0.00230	0.00600	1	02/21/2024 16:41	WG2230409
Acenaphthene	0.0334		0.00209	0.00600	1	02/21/2024 16:41	WG2230409
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 16:41	WG2230409
Benzo(a)anthracene	0.00380	E4	0.00173	0.00600	1	02/21/2024 16:41	WG2230409
Benzo(a)pyrene	0.00217	E4	0.00179	0.00600	1	02/21/2024 16:41	WG2230409
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 16:41	WG2230409
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 16:41	WG2230409
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 16:41	WG2230409
Chrysene	U		0.00232	0.00600	1	02/21/2024 16:41	WG2230409
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 16:41	WG2230409
Fluoranthene	0.00642		0.00227	0.00600	1	02/21/2024 16:41	WG2230409
Fluorene	0.0435		0.00205	0.00600	1	02/21/2024 16:41	WG2230409
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 16:41	WG2230409
Naphthalene	17.7		0.0816	0.400	20	02/23/2024 07:13	WG2230409
Phenanthrene	0.0447		0.00231	0.00600	1	02/21/2024 16:41	WG2230409
Pyrene	0.00877		0.00200	0.00600	1	02/21/2024 16:41	WG2230409
1-Methylnaphthalene	5.68		0.0898	0.400	20	02/23/2024 07:13	WG2230409
2-Methylnaphthalene	11.9		0.0854	0.400	20	02/23/2024 07:13	WG2230409
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 16:41	WG2230409
(S) p-Terphenyl-d14	*84.5*	S8		*23.0-120*		*02/23/2024 07:13*	WG2230409
(S) p-Terphenyl-d14	*79.1*			*23.0-120*		*02/21/2024 16:41*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*02/23/2024 07:13*	WG2230409
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*02/21/2024 16:41*	WG2230409
(S) 2-Fluorobiphenyl	*89.4*	S8		*34.0-125*		*02/23/2024 07:13*	WG2230409
(S) 2-Fluorobiphenyl	*80.8*			*34.0-125*		*02/21/2024 16:41*	WG2230409

Sample Narrative:

L1707462-16 WG2230409: Surrogate failure due to matrix interference

L1707462-16 WG2230409: Dilution and surrogate failure due to matrix interference.

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0221	E4	0.0180	0.0400	1	02/22/2024 08:35	WG2230564

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.08		0.518	2.00	1	02/22/2024 15:14	WG2230703
Barium	265		0.0852	0.500	1	02/22/2024 15:14	WG2230703
Cadmium	U		0.0471	0.500	1	02/22/2024 15:14	WG2230703
Chromium	22.9		0.133	1.00	1	02/22/2024 15:14	WG2230703
Lead	11.9		0.208	0.500	1	02/22/2024 15:14	WG2230703
Selenium	U		0.764	2.00	1	02/22/2024 15:14	WG2230703
Silver	U		0.127	1.00	1	02/22/2024 15:14	WG2230703

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/22/2024 02:34	WG2231204
Acrylonitrile	U		3.61	12.5	40	02/22/2024 02:34	WG2231204
Benzene	8.10		0.467	1.00	40	02/22/2024 02:34	WG2231204
Bromobenzene	U		0.900	12.5	40	02/22/2024 02:34	WG2231204
Bromodichloromethane	U		0.725	2.50	40	02/22/2024 02:34	WG2231204
Bromoform	U		1.17	25.0	40	02/22/2024 02:34	WG2231204
Bromomethane	U		1.97	12.5	40	02/22/2024 02:34	WG2231204
1,3-Butadiene	U	R7	5.13	25.0	40	02/22/2024 02:34	WG2231204
n-Butylbenzene	23.6		5.25	12.5	40	02/22/2024 02:34	WG2231204
sec-Butylbenzene	U		2.88	12.5	40	02/22/2024 02:34	WG2231204
tert-Butylbenzene	U		1.95	5.00	40	02/22/2024 02:34	WG2231204
Carbon disulfide	U		0.700	12.5	40	02/22/2024 02:34	WG2231204
Carbon tetrachloride	U	R7	0.898	5.00	40	02/22/2024 02:34	WG2231204
Chlorobenzene	U		0.210	2.50	40	02/22/2024 02:34	WG2231204
Chlorodibromomethane	U		0.612	2.50	40	02/22/2024 02:34	WG2231204
Chloroethane	U		1.70	5.00	40	02/22/2024 02:34	WG2231204
Chloroform	U		1.03	2.50	40	02/22/2024 02:34	WG2231204
Chloromethane	U		4.35	12.5	40	02/22/2024 02:34	WG2231204
2-Chlorotoluene	U		0.865	2.50	40	02/22/2024 02:34	WG2231204
4-Chlorotoluene	U		0.450	5.00	40	02/22/2024 02:34	WG2231204
Cyclohexane	30.0	R7	1.11	2.50	40	02/22/2024 02:34	WG2231204
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/22/2024 02:34	WG2231204
1,2-Dibromoethane	U		0.648	2.50	40	02/22/2024 02:34	WG2231204
Dibromomethane	U		0.750	5.00	40	02/22/2024 02:34	WG2231204
1,2-Dichlorobenzene	U		0.425	5.00	40	02/22/2024 02:34	WG2231204
1,3-Dichlorobenzene	U		0.600	5.00	40	02/22/2024 02:34	WG2231204
1,4-Dichlorobenzene	U		0.700	5.00	40	02/22/2024 02:34	WG2231204
Dichlorodifluoromethane	U		1.61	2.50	40	02/22/2024 02:34	WG2231204
1,1-Dichloroethane	U		0.491	2.50	40	02/22/2024 02:34	WG2231204
1,2-Dichloroethane	U		0.649	2.50	40	02/22/2024 02:34	WG2231204
1,1-Dichloroethene	U		0.606	2.50	40	02/22/2024 02:34	WG2231204
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/22/2024 02:34	WG2231204
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/22/2024 02:34	WG2231204
1,2-Dichloropropane	U		1.42	5.00	40	02/22/2024 02:34	WG2231204
1,1-Dichloropropene	U	R7	0.809	2.50	40	02/22/2024 02:34	WG2231204
1,3-Dichloropropane	U		0.501	5.00	40	02/22/2024 02:34	WG2231204
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/22/2024 02:34	WG2231204
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/22/2024 02:34	WG2231204
2,2-Dichloropropane	U	R7	1.38	2.50	40	02/22/2024 02:34	WG2231204

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	U		1.65	12.5	40	02/22/2024 02:34	WG2231204
Di-isopropyl ether	U		0.410	1.00	40	02/22/2024 02:34	WG2231204
Ethylbenzene	47.4		0.737	2.50	40	02/22/2024 02:34	WG2231204
4-Ethyltoluene	16.9		2.32	5.00	40	02/22/2024 02:34	WG2231204
Hexachloro-1,3-butadiene	U	R7	6.00	25.0	40	02/22/2024 02:34	WG2231204
n-Hexane	41.0	R7	2.26	5.00	40	02/22/2024 02:34	WG2231204
Isopropylbenzene	5.12		0.425	2.50	40	02/22/2024 02:34	WG2231204
p-Isopropyltoluene	U		2.55	5.00	40	02/22/2024 02:34	WG2231204
2-Butanone (MEK)	U		63.5	100	40	02/22/2024 02:34	WG2231204
Methylene Chloride	U		6.64	25.0	40	02/22/2024 02:34	WG2231204
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	02/22/2024 02:34	WG2231204
Methyl tert-butyl ether	U		0.350	1.00	40	02/22/2024 02:34	WG2231204
Methyl Cyclohexane	30.9		2.06	5.00	40	02/22/2024 02:34	WG2231204
Naphthalene	7.16	E4	4.88	12.5	40	02/22/2024 02:34	WG2231204
Propene	U	R7	6.12	50.0	40	02/22/2024 02:34	WG2231204
n-Propylbenzene	13.3		0.950	5.00	40	02/22/2024 02:34	WG2231204
Styrene	U		0.229	12.5	40	02/22/2024 02:34	WG2231204
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/22/2024 02:34	WG2231204
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/22/2024 02:34	WG2231204
1,1,2-Trichlorotrifluoroethane	U	R7	0.754	2.50	40	02/22/2024 02:34	WG2231204
Tetrachloroethene	U		0.896	2.50	40	02/22/2024 02:34	WG2231204
Toluene	118		6.50	25.0	200	02/23/2024 07:25	WG2231591
1,2,3-Trichlorobenzene	U	R7	7.33	12.5	40	02/22/2024 02:34	WG2231204
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/22/2024 02:34	WG2231204
1,1,1-Trichloroethane	U		0.923	2.50	40	02/22/2024 02:34	WG2231204
1,1,2-Trichloroethane	U		0.597	2.50	40	02/22/2024 02:34	WG2231204
Trichloroethene	U		0.584	1.00	40	02/22/2024 02:34	WG2231204
Trichlorofluoromethane	U	R7	0.827	2.50	40	02/22/2024 02:34	WG2231204
1,2,3-Trichloropropane	U		1.62	12.5	40	02/22/2024 02:34	WG2231204
1,2,4-Trimethylbenzene	77.8		1.58	5.00	40	02/22/2024 02:34	WG2231204
1,2,3-Trimethylbenzene	17.7		1.58	5.00	40	02/22/2024 02:34	WG2231204
1,3,5-Trimethylbenzene	18.7		2.00	5.00	40	02/22/2024 02:34	WG2231204
Vinyl chloride	U	R7	1.16	2.50	40	02/22/2024 02:34	WG2231204
Xylenes, Total	213		0.880	6.50	40	02/22/2024 02:34	WG2231204
(S) Toluene-d8	*103*			*75.0-131*		*02/22/2024 02:34*	WG2231204
(S) Toluene-d8	*98.5*			*75.0-131*		*02/23/2024 07:25*	WG2231591
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*02/22/2024 02:34*	WG2231204
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*02/23/2024 07:25*	WG2231591
(S) 1,2-Dichloroethane-d4	*80.5*			*70.0-130*		*02/22/2024 02:34*	WG2231204
(S) 1,2-Dichloroethane-d4	*81.1*			*70.0-130*		*02/23/2024 07:25*	WG2231591

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.00235	E4	0.00230	0.00600	1	02/21/2024 23:17	WG2230415
Acenaphthene	U		0.00209	0.00600	1	02/21/2024 23:17	WG2230415
Acenaphthylene	U		0.00216	0.00600	1	02/21/2024 23:17	WG2230415
Benzo(a)anthracene	U		0.00173	0.00600	1	02/21/2024 23:17	WG2230415
Benzo(a)pyrene	U		0.00179	0.00600	1	02/21/2024 23:17	WG2230415
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/21/2024 23:17	WG2230415
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/21/2024 23:17	WG2230415
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/21/2024 23:17	WG2230415
Chrysene	U		0.00232	0.00600	1	02/21/2024 23:17	WG2230415
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/21/2024 23:17	WG2230415
Fluoranthene	U		0.00227	0.00600	1	02/21/2024 23:17	WG2230415
Fluorene	0.00492	E4	0.00205	0.00600	1	02/21/2024 23:17	WG2230415

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/21/2024 23:17	WG2230415
Naphthalene	2.23		0.00408	0.0200	1	02/21/2024 23:17	WG2230415
Phenanthrene	0.00707		0.00231	0.00600	1	02/21/2024 23:17	WG2230415
Pyrene	U		0.00200	0.00600	1	02/21/2024 23:17	WG2230415
1-Methylnaphthalene	0.792		0.00449	0.0200	1	02/21/2024 23:17	WG2230415
2-Methylnaphthalene	1.64		0.00427	0.0200	1	02/21/2024 23:17	WG2230415
2-Chloronaphthalene	U		0.00466	0.0200	1	02/21/2024 23:17	WG2230415
(S) p-Terphenyl-d14	*74.5*			*23.0-120*		*02/21/2024 23:17*	WG2230415
(S) Nitrobenzene-d5	*130*			*14.0-149*		*02/21/2024 23:17*	WG2230415
(S) 2-Fluorobiphenyl	*54.9*			*34.0-125*		*02/21/2024 23:17*	WG2230415

Method Blank (MB)

(MB) R4036855-1 02/22/24 07:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R4036855-2 02/22/24 08:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.539	108	80.0-120	

L1707485-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707485-04 02/22/24 08:04 • (MS) R4036855-3 02/22/24 08:06 • (MSD) R4036855-4 02/22/24 08:09

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	U	0.511	0.557	102	111	1	75.0-125			8.50	20

Method Blank (MB)

(MB) R4037355-1 02/22/24 14:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.518	2.00
Barium	U		0.0852	0.500
Cadmium	U		0.0471	0.500
Chromium	U		0.133	1.00
Lead	U		0.208	0.500
Selenium	U		0.764	2.00
Silver	U		0.127	1.00

Laboratory Control Sample (LCS)

(LCS) R4037355-2 02/22/24 14:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	91.3	91.3	80.0-120	
Barium	100	93.8	93.8	80.0-120	
Cadmium	100	87.4	87.4	80.0-120	
Chromium	100	91.3	91.3	80.0-120	
Lead	100	88.1	88.1	80.0-120	
Selenium	100	87.9	87.9	80.0-120	
Silver	20.0	17.1	85.3	80.0-120	

L1707262-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707262-01 02/22/24 14:30 • (MS) R4037355-5 02/22/24 14:39 • (MSD) R4037355-6 02/22/24 14:42

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	0.678	98.1	98.3	97.5	97.6	1	75.0-125			0.131	20
Barium	100	4.90	97.7	97.5	92.8	92.6	1	75.0-125			0.163	20
Cadmium	100	U	91.5	91.0	91.5	91.0	1	75.0-125			0.524	20
Chromium	100	3.94	93.9	94.1	90.0	90.1	1	75.0-125			0.152	20
Lead	100	3.55	96.3	95.4	92.8	91.9	1	75.0-125			0.914	20
Selenium	100	U	92.4	92.8	92.4	92.8	1	75.0-125			0.393	20
Silver	20.0	U	18.2	18.2	91.2	91.1	1	75.0-125			0.0851	20

Method Blank (MB)

(MB) R4036457-3 02/21/24 10:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313
Di-isopropyl ether	U		0.0103	0.0250

Method Blank (MB)

(MB) R4036457-3 02/21/24 10:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*107*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4036457-1 02/21/24 08:46 • (LCSD) R4036457-2 02/21/24 09:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.632	0.590	101	94.4	30.0-160			6.87	31
Acrylonitrile	0.625	0.601	0.567	96.2	90.7	45.0-153			5.82	22
Benzene	0.125	0.129	0.129	103	103	70.0-123			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4036457-1 02/21/24 08:46 • (LCSD) R4036457-2 02/21/24 09:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	0.125	0.129	0.132	103	106	73.0-121			2.30	20
Bromodichloromethane	0.125	0.128	0.128	102	102	73.0-121			0.000	20
Bromoform	0.125	0.131	0.130	105	104	64.0-132			0.766	20
Bromomethane	0.125	0.137	0.136	110	109	56.0-147			0.733	20
1,3-Butadiene	0.125	0.117	0.121	93.6	96.8	32.0-150			3.36	20
n-Butylbenzene	0.125	0.123	0.129	98.4	103	68.0-135			4.76	20
sec-Butylbenzene	0.125	0.123	0.123	98.4	98.4	74.0-130			0.000	20
tert-Butylbenzene	0.125	0.121	0.123	96.8	98.4	75.0-127			1.64	20
Carbon disulfide	0.125	0.108	0.0949	86.4	75.9	56.0-133			12.9	20
Carbon tetrachloride	0.125	0.141	0.146	113	117	66.0-128			3.48	20
Chlorobenzene	0.125	0.131	0.130	105	104	76.0-128			0.766	20
Chlorodibromomethane	0.125	0.136	0.139	109	111	74.0-127			2.18	20
Chloroethane	0.125	0.135	0.131	108	105	61.0-134			3.01	20
Chloroform	0.125	0.122	0.120	97.6	96.0	72.0-123			1.65	20
Chloromethane	0.125	0.112	0.117	89.6	93.6	51.0-138			4.37	20
2-Chlorotoluene	0.125	0.125	0.120	100	96.0	75.0-124			4.08	20
4-Chlorotoluene	0.125	0.118	0.119	94.4	95.2	75.0-124			0.844	20
1,2-Dibromo-3-Chloropropane	0.125	0.125	0.122	100	97.6	59.0-130			2.43	20
1,2-Dibromoethane	0.125	0.142	0.145	114	116	74.0-128			2.09	20
Dibromomethane	0.125	0.129	0.126	103	101	75.0-122			2.35	20
1,2-Dichlorobenzene	0.125	0.123	0.122	98.4	97.6	76.0-124			0.816	20
1,3-Dichlorobenzene	0.125	0.117	0.118	93.6	94.4	76.0-125			0.851	20
1,4-Dichlorobenzene	0.125	0.122	0.126	97.6	101	77.0-121			3.23	20
Dichlorodifluoromethane	0.125	0.140	0.136	112	109	43.0-156			2.90	20
1,1-Dichloroethane	0.125	0.125	0.124	100	99.2	70.0-127			0.803	20
1,2-Dichloroethane	0.125	0.118	0.121	94.4	96.8	65.0-131			2.51	20
1,1-Dichloroethene	0.125	0.136	0.132	109	106	65.0-131			2.99	20
cis-1,2-Dichloroethene	0.125	0.136	0.132	109	106	73.0-125			2.99	20
trans-1,2-Dichloroethene	0.125	0.131	0.133	105	106	71.0-125			1.52	20
1,2-Dichloropropane	0.125	0.122	0.124	97.6	99.2	74.0-125			1.63	20
1,1-Dichloropropene	0.125	0.147	0.137	118	110	73.0-125			7.04	20
1,3-Dichloropropane	0.125	0.130	0.133	104	106	80.0-125			2.28	20
cis-1,3-Dichloropropene	0.125	0.137	0.134	110	107	76.0-127			2.21	20
trans-1,3-Dichloropropene	0.125	0.138	0.140	110	112	73.0-127			1.44	20
2,2-Dichloropropane	0.125	0.147	0.141	118	113	59.0-135			4.17	20
Dicyclopentadiene	0.125	0.115	0.116	92.0	92.8	71.0-132			0.866	20
Di-isopropyl ether	0.125	0.121	0.125	96.8	100	60.0-136			3.25	20
4-Ethyltoluene	0.125	0.124	0.120	99.2	96.0	71.0-129			3.28	20
Hexachloro-1,3-butadiene	0.125	0.130	0.130	104	104	57.0-150			0.000	20
Isopropylbenzene	0.125	0.136	0.135	109	108	72.0-127			0.738	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4036457-1 02/21/24 08:46 • (LCSD) R4036457-2 02/21/24 09:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
p-Isopropyltoluene	0.125	0.123	0.124	98.4	99.2	72.0-133			0.810	20
2-Butanone (MEK)	0.625	0.621	0.623	99.4	99.7	30.0-160			0.322	24
Methylene Chloride	0.125	0.134	0.131	107	105	68.0-123			2.26	20
4-Methyl-2-pentanone (MIBK)	0.625	0.674	0.666	108	107	56.0-143			1.19	20
Methyl tert-butyl ether	0.125	0.130	0.132	104	106	66.0-132			1.53	20
Methyl Cyclohexane	0.125	0.125	0.123	100	98.4	67.0-129			1.61	20
Naphthalene	0.125	0.122	0.119	97.6	95.2	59.0-130			2.49	20
Propene	0.125	0.108	0.120	86.4	96.0	30.0-160			10.5	20
n-Propylbenzene	0.125	0.117	0.122	93.6	97.6	74.0-126			4.18	20
Styrene	0.125	0.136	0.143	109	114	72.0-127			5.02	20
1,1,1,2-Tetrachloroethane	0.125	0.140	0.138	112	110	74.0-129			1.44	20
1,1,2,2-Tetrachloroethane	0.125	0.133	0.127	106	102	68.0-128			4.62	20
1,1,2-Trichlorotrifluoroethane	0.125	0.129	0.128	103	102	61.0-139			0.778	20
Tetrachloroethene	0.125	0.141	0.141	113	113	70.0-136			0.000	20
1,2,3-Trichlorobenzene	0.125	0.126	0.132	101	106	59.0-139			4.65	20
1,2,4-Trichlorobenzene	0.125	0.139	0.138	111	110	62.0-137			0.722	20
1,1,1-Trichloroethane	0.125	0.123	0.124	98.4	99.2	69.0-126			0.810	20
1,1,2-Trichloroethane	0.125	0.143	0.141	114	113	78.0-123			1.41	20
Trichloroethene	0.125	0.137	0.140	110	112	76.0-126			2.17	20
Trichlorofluoromethane	0.125	0.129	0.123	103	98.4	61.0-142			4.76	20
1,2,3-Trichloropropane	0.125	0.132	0.129	106	103	67.0-129			2.30	20
1,2,3-Trimethylbenzene	0.125	0.122	0.122	97.6	97.6	74.0-124			0.000	20
1,3,5-Trimethylbenzene	0.125	0.124	0.124	99.2	99.2	73.0-127			0.000	20
Vinyl chloride	0.125	0.136	0.138	109	110	63.0-134			1.46	20
(S) Toluene-d8				*102*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*111*	*108*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*93.1*	*91.8*	*70.0-130*				

Method Blank (MB)

(MB) R4036612-3 02/21/24 12:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Cyclohexane	U		0.0278	0.0625
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
n-Hexane	U		0.0565	0.125
Methyl Cyclohexane	U		0.0515	0.125
Toluene	U		0.0325	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*99.6*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*83.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4036612-1 02/21/24 10:12 • (LCSD) R4036612-2 02/21/24 10:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Cyclohexane	0.125	0.100	0.109	80.0	87.2	70.0-130			8.61	20
Ethylbenzene	0.125	0.110	0.117	88.0	93.6	74.0-126			6.17	20
4-Ethyltoluene	0.125	0.100	0.109	80.0	87.2	71.0-129			8.61	20
n-Hexane	0.125	0.0988	0.0992	79.0	79.4	55.0-137			0.404	20
Methyl Cyclohexane	0.125	0.0906	0.0995	72.5	79.6	67.0-129			9.36	20
Toluene	0.125	0.105	0.106	84.0	84.8	75.0-121			0.948	20
1,2,4-Trimethylbenzene	0.125	0.103	0.103	82.4	82.4	70.0-126			0.000	20
Xylenes, Total	0.375	0.328	0.342	87.5	91.2	72.0-127			4.18	20
(S) Toluene-d8				*94.9*	*94.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.1*	*97.5*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*89.9*	*90.3*	*70.0-130*				

Method Blank (MB)

(MB) R4036869-3 02/21/24 19:32

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4036869-3 02/21/24 19:32

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*108*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4036869-1 02/21/24 17:56 • (LCSD) R4036869-2 02/21/24 18:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.511	0.505	81.8	80.8	30.0-160			1.18	31
Acrylonitrile	0.625	0.613	0.659	98.1	105	45.0-153			7.23	22
Benzene	0.125	0.107	0.127	85.6	102	70.0-123			17.1	20
Bromobenzene	0.125	0.110	0.123	88.0	98.4	73.0-121			11.2	20
Bromodichloromethane	0.125	0.106	0.118	84.8	94.4	73.0-121			10.7	20
Bromoform	0.125	0.112	0.125	89.6	100	64.0-132			11.0	20
Bromomethane	0.125	0.116	0.136	92.8	109	56.0-147			15.9	20
1,3-Butadiene	0.125	0.0972	0.125	77.8	100	32.0-150		R7	25.0	20
n-Butylbenzene	0.125	0.116	0.129	92.8	103	68.0-135			10.6	20
sec-Butylbenzene	0.125	0.101	0.120	80.8	96.0	74.0-130			17.2	20
tert-Butylbenzene	0.125	0.103	0.123	82.4	98.4	75.0-127			17.7	20
Carbon disulfide	0.125	0.108	0.0985	86.4	78.8	56.0-133			9.20	20
Carbon tetrachloride	0.125	0.111	0.140	88.8	112	66.0-128		R7	23.1	20
Chlorobenzene	0.125	0.110	0.125	88.0	100	76.0-128			12.8	20
Chlorodibromomethane	0.125	0.116	0.129	92.8	103	74.0-127			10.6	20
Chloroethane	0.125	0.110	0.131	88.0	105	61.0-134			17.4	20
Chloroform	0.125	0.109	0.121	87.2	96.8	72.0-123			10.4	20
Chloromethane	0.125	0.0971	0.112	77.7	89.6	51.0-138			14.3	20
2-Chlorotoluene	0.125	0.103	0.118	82.4	94.4	75.0-124			13.6	20
4-Chlorotoluene	0.125	0.0994	0.115	79.5	92.0	75.0-124			14.6	20
Cyclohexane	0.125	0.101	0.148	80.8	118	70.0-130		R7	37.8	20
1,2-Dibromo-3-Chloropropane	0.125	0.104	0.112	83.2	89.6	59.0-130			7.41	20
1,2-Dibromoethane	0.125	0.124	0.137	99.2	110	74.0-128			9.96	20
Dibromomethane	0.125	0.115	0.127	92.0	102	75.0-122			9.92	20
1,2-Dichlorobenzene	0.125	0.101	0.117	80.8	93.6	76.0-124			14.7	20
1,3-Dichlorobenzene	0.125	0.103	0.115	82.4	92.0	76.0-125			11.0	20
1,4-Dichlorobenzene	0.125	0.0982	0.115	78.6	92.0	77.0-121			15.8	20
Dichlorodifluoromethane	0.125	0.118	0.142	94.4	114	43.0-156			18.5	20
1,1-Dichloroethane	0.125	0.107	0.121	85.6	96.8	70.0-127			12.3	20
1,2-Dichloroethane	0.125	0.106	0.115	84.8	92.0	65.0-131			8.14	20
1,1-Dichloroethene	0.125	0.114	0.134	91.2	107	65.0-131			16.1	20
cis-1,2-Dichloroethene	0.125	0.114	0.130	91.2	104	73.0-125			13.1	20
trans-1,2-Dichloroethene	0.125	0.113	0.131	90.4	105	71.0-125			14.8	20
1,2-Dichloropropane	0.125	0.108	0.121	86.4	96.8	74.0-125			11.4	20
1,1-Dichloropropene	0.125	0.112	0.144	89.6	115	73.0-125		R7	25.0	20
1,3-Dichloropropane	0.125	0.115	0.129	92.0	103	80.0-125			11.5	20
cis-1,3-Dichloropropene	0.125	0.117	0.131	93.6	105	76.0-127			11.3	20
trans-1,3-Dichloropropene	0.125	0.117	0.133	93.6	106	73.0-127			12.8	20
2,2-Dichloropropane	0.125	0.112	0.139	89.6	111	59.0-135		R7	21.5	20
Dicyclopentadiene	0.125	0.0958	0.115	76.6	92.0	71.0-132			18.2	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4036869-1 02/21/24 17:56 • (LCSD) R4036869-2 02/21/24 18:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.106	0.115	84.8	92.0	60.0-136			8.14	20
Ethylbenzene	0.125	0.116	0.137	92.8	110	74.0-126			16.6	20
4-Ethyltoluene	0.125	0.107	0.122	85.6	97.6	71.0-129			13.1	20
Hexachloro-1,3-butadiene	0.125	0.0925	0.127	74.0	102	57.0-150		R7	31.4	20
n-Hexane	0.125	0.105	0.130	84.0	104	55.0-137		R7	21.3	20
Isopropylbenzene	0.125	0.114	0.135	91.2	108	72.0-127			16.9	20
p-Isopropyltoluene	0.125	0.0991	0.120	79.3	96.0	72.0-133			19.1	20
2-Butanone (MEK)	0.625	0.540	0.598	86.4	95.7	30.0-160			10.2	24
Methylene Chloride	0.125	0.119	0.129	95.2	103	68.0-123			8.06	20
4-Methyl-2-pentanone (MIBK)	0.625	0.552	0.624	88.3	99.8	56.0-143			12.2	20
Methyl tert-butyl ether	0.125	0.117	0.129	93.6	103	66.0-132			9.76	20
Methyl Cyclohexane	0.125	0.0864	0.0902	69.1	72.2	67.0-129			4.30	20
Naphthalene	0.125	0.103	0.118	82.4	94.4	59.0-130			13.6	20
Propene	0.125	0.0813	0.112	65.0	89.6	30.0-160		R7	31.8	20
n-Propylbenzene	0.125	0.103	0.122	82.4	97.6	74.0-126			16.9	20
Styrene	0.125	0.121	0.132	96.8	106	72.0-127			8.70	20
1,1,1,2-Tetrachloroethane	0.125	0.116	0.134	92.8	107	74.0-129			14.4	20
1,1,2,2-Tetrachloroethane	0.125	0.106	0.121	84.8	96.8	68.0-128			13.2	20
1,1,2-Trichlorotrifluoroethane	0.125	0.107	0.131	85.6	105	61.0-139		R7	20.2	20
Tetrachloroethene	0.125	0.121	0.142	96.8	114	70.0-136			16.0	20
Toluene	0.125	0.117	0.134	93.6	107	75.0-121			13.5	20
1,2,3-Trichlorobenzene	0.125	0.100	0.125	80.0	100	59.0-139		R7	22.2	20
1,2,4-Trichlorobenzene	0.125	0.107	0.119	85.6	95.2	62.0-137			10.6	20
1,1,1-Trichloroethane	0.125	0.109	0.123	87.2	98.4	69.0-126			12.1	20
1,1,2-Trichloroethane	0.125	0.121	0.137	96.8	110	78.0-123			12.4	20
Trichloroethene	0.125	0.115	0.130	92.0	104	76.0-126			12.2	20
Trichlorofluoromethane	0.125	0.105	0.130	84.0	104	61.0-142		R7	21.3	20
1,2,3-Trichloropropane	0.125	0.107	0.127	85.6	102	67.0-129			17.1	20
1,2,4-Trimethylbenzene	0.125	0.116	0.124	92.8	99.2	70.0-126			6.67	20
1,2,3-Trimethylbenzene	0.125	0.108	0.122	86.4	97.6	74.0-124			12.2	20
1,3,5-Trimethylbenzene	0.125	0.104	0.124	83.2	99.2	73.0-127			17.5	20
Vinyl chloride	0.125	0.109	0.139	87.2	111	63.0-134		R7	24.2	20
Xylenes, Total	0.375	0.349	0.399	93.1	106	72.0-127			13.4	20
(S) Toluene-d8				*100*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*109*	*108*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*91.9*	*92.1*	*70.0-130*				

Method Blank (MB)

(MB) R4037430-3 02/22/24 23:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Toluene	U		0.0325	0.125
(S) Toluene-d8	*95.9*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4037430-1 02/22/24 21:49 • (LCSD) R4037430-2 02/22/24 22:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	0.125	0.120	0.117	96.0	93.6	75.0-121			2.53	20
(S) Toluene-d8				*93.1*	*93.8*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.4*	*94.6*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*88.7*	*89.6*	*70.0-130*				

Method Blank (MB)

(MB) R4037474-3 02/22/24 15:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.0117	0.0250
n-Butylbenzene	U		0.131	0.313
Cyclohexane	U		0.0278	0.0625
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
n-Hexane	U		0.0565	0.125
Methyl Cyclohexane	U		0.0515	0.125
n-Propylbenzene	U		0.0238	0.125
Toluene	U		0.0325	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*108*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4037474-1 02/22/24 13:28 • (LCSD) R4037474-2 02/22/24 13:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.121	0.121	96.8	96.8	70.0-123			0.000	20
n-Butylbenzene	0.125	0.113	0.106	90.4	84.8	68.0-135			6.39	20
Cyclohexane	0.125	0.120	0.112	96.0	89.6	70.0-130			6.90	20
Ethylbenzene	0.125	0.132	0.122	106	97.6	74.0-126			7.87	20
4-Ethyltoluene	0.125	0.117	0.113	93.6	90.4	71.0-129			3.48	20
n-Hexane	0.125	0.115	0.104	92.0	83.2	55.0-137			10.0	20
Methyl Cyclohexane	0.125	0.0939	0.0950	75.1	76.0	67.0-129			1.16	20
n-Propylbenzene	0.125	0.116	0.109	92.8	87.2	74.0-126			6.22	20
Toluene	0.125	0.126	0.117	101	93.6	75.0-121			7.41	20
1,2,4-Trimethylbenzene	0.125	0.117	0.111	93.6	88.8	70.0-126			5.26	20
1,2,3-Trimethylbenzene	0.125	0.116	0.107	92.8	85.6	74.0-124			8.07	20
1,3,5-Trimethylbenzene	0.125	0.116	0.109	92.8	87.2	73.0-127			6.22	20
Xylenes, Total	0.375	0.385	0.366	103	97.6	72.0-127			5.06	20
(S) Toluene-d8				*100*	*98.4*	*75.0-131*				
(S) 4-Bromofluorobenzene				*109*	*109*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*97.6*	*98.6*	*70.0-130*				

Method Blank (MB)

(MB) R4036203-2 02/21/24 01:32

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*82.3*			*23.0-120*
(S) Nitrobenzene-d5	*64.6*			*14.0-149*
(S) 2-Fluorobiphenyl	*72.7*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4036203-1 02/21/24 01:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0758	94.8	50.0-126	
Acenaphthene	0.0800	0.0605	75.6	50.0-120	
Acenaphthylene	0.0800	0.0679	84.9	50.0-120	
Benzo(a)anthracene	0.0800	0.0744	93.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0653	81.6	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0693	86.6	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0672	84.0	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0663	82.9	49.0-125	
Chrysene	0.0800	0.0732	91.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0682	85.3	47.0-125	
Fluoranthene	0.0800	0.0780	97.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4036203-1 02/21/24 01:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0725	90.6	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0697	87.1	46.0-125	
Naphthalene	0.0800	0.0492	61.5	50.0-120	
Phenanthrene	0.0800	0.0715	89.4	47.0-120	
Pyrene	0.0800	0.0735	91.9	43.0-123	
1-Methylnaphthalene	0.0800	0.0581	72.6	51.0-121	
2-Methylnaphthalene	0.0800	0.0565	70.6	50.0-120	
2-Chloronaphthalene	0.0800	0.0594	74.3	50.0-120	
(S) p-Terphenyl-d14			*93.3*	*23.0-120*	
(S) Nitrobenzene-d5			*79.6*	*14.0-149*	
(S) 2-Fluorobiphenyl			*83.3*	*34.0-125*	

L1707462-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707462-13 02/21/24 02:07 • (MS) R4036203-3 02/21/24 02:24 • (MSD) R4036203-4 02/21/24 02:42

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0780	0.0152	0.0770	0.0736	79.2	74.5	1	10.0-145			4.52	30
Acenaphthene	0.0780	U	0.0770	0.0746	98.7	95.2	1	14.0-127			3.17	27
Acenaphthylene	0.0780	U	0.0685	0.0695	87.8	88.6	1	21.0-124			1.45	25
Benzo(a)anthracene	0.0780	0.00352	0.0672	0.0661	81.6	79.8	1	10.0-139			1.65	30
Benzo(a)pyrene	0.0780	U	0.0623	0.0615	79.9	78.4	1	10.0-141			1.29	31
Benzo(b)fluoranthene	0.0780	U	0.0591	0.0579	75.8	73.9	1	10.0-140			2.05	36
Benzo(g,h,i)perylene	0.0780	U	0.0588	0.0579	75.4	73.9	1	10.0-140			1.54	33
Benzo(k)fluoranthene	0.0780	U	0.0564	0.0555	72.3	70.8	1	10.0-137			1.61	31
Chrysene	0.0780	U	0.0644	0.0631	82.6	80.5	1	10.0-145			2.04	30
Dibenz(a,h)anthracene	0.0780	U	0.0575	0.0570	73.7	72.7	1	10.0-132			0.873	31
Fluoranthene	0.0780	0.00493	0.0684	0.0661	81.4	78.0	1	10.0-153			3.42	33
Fluorene	0.0780	0.0273	0.0882	0.0834	78.1	71.6	1	11.0-130			5.59	29
Indeno(1,2,3-cd)pyrene	0.0780	U	0.0599	0.0597	76.8	76.1	1	10.0-137			0.334	32
Naphthalene	0.0780	11.4	10.7	8.96	0.000	0.000	1	10.0-135	E1 M3	E1 M3	17.7	27
Phenanthrene	0.0780	0.0291	0.0915	0.0851	80.0	71.4	1	10.0-144			7.25	31
Pyrene	0.0780	0.00675	0.0714	0.0694	82.9	79.9	1	10.0-148			2.84	35
1-Methylnaphthalene	0.0780	4.18	3.91	3.25	0.000	0.000	1	10.0-142	M3	M3	18.4	28
2-Methylnaphthalene	0.0780	8.56	8.05	6.69	0.000	0.000	1	10.0-137	E1 M3	E1 M3	18.5	28
2-Chloronaphthalene	0.0780	U	0.0504	0.0529	64.6	67.5	1	29.0-120			4.84	24
(S) p-Terphenyl-d14					*82.3*	*81.0*		*23.0-120*				
(S) Nitrobenzene-d5					*0.000*	*0.000*		*14.0-149*	S6	S6		
(S) 2-Fluorobiphenyl					*75.9*	*77.0*		*34.0-125*				

L1707462-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707462-13 02/21/24 02:07 • (MS) R4036203-3 02/21/24 02:24 • (MSD) R4036203-4 02/21/24 02:42

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %

Sample Narrative:

OS: Surrogate failure due to matrix interference

Method Blank (MB)

(MB) R4037304-2 02/21/24 13:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*82.5*			*23.0-120*
(S) Nitrobenzene-d5	*82.3*			*14.0-149*
(S) 2-Fluorobiphenyl	*80.6*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4037304-1 02/21/24 13:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0549	68.6	50.0-126	
Acenaphthene	0.0800	0.0558	69.8	50.0-120	
Acenaphthylene	0.0800	0.0557	69.6	50.0-120	
Benzo(a)anthracene	0.0800	0.0539	67.4	45.0-120	
Benzo(a)pyrene	0.0800	0.0496	62.0	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0615	76.9	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0584	73.0	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0563	70.4	49.0-125	
Chrysene	0.0800	0.0598	74.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0565	70.6	47.0-125	
Fluoranthene	0.0800	0.0588	73.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4037304-1 02/21/24 13:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0595	74.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0541	67.6	46.0-125	
Naphthalene	0.0800	0.0569	71.1	50.0-120	
Phenanthrene	0.0800	0.0596	74.5	47.0-120	
Pyrene	0.0800	0.0609	76.1	43.0-123	
1-Methylnaphthalene	0.0800	0.0594	74.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0572	71.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0590	73.8	50.0-120	
(S) p-Terphenyl-d14			*80.2*	*23.0-120*	
(S) Nitrobenzene-d5			*86.9*	*14.0-149*	
(S) 2-Fluorobiphenyl			*80.3*	*34.0-125*	

L1707034-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707034-06 02/21/24 19:21 • (MS) R4037304-3 02/21/24 19:39 • (MSD) R4037304-4 02/21/24 19:57

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0147	0.0824	0.187	84.6	215	1	10.0-145		M1 R5	77.7	30
Acenaphthene	0.0800	U	0.0656	0.0919	82.0	115	1	14.0-127		R5	33.4	27
Acenaphthylene	0.0800	0.00539	0.0737	0.0651	85.4	74.6	1	21.0-124			12.4	25
Benzo(a)anthracene	0.0800	0.0346	0.104	0.368	86.8	417	1	10.0-139		M1 R5	112	30
Benzo(a)pyrene	0.0800	0.0412	0.102	0.245	76.0	255	1	10.0-141		M1 R5	82.4	31
Benzo(b)fluoranthene	0.0800	0.0481	0.101	0.311	66.1	329	1	10.0-140		M1 R5	102	36
Benzo(g,h,i)perylene	0.0800	0.0490	0.102	0.153	66.3	130	1	10.0-140		R5	40.0	33
Benzo(k)fluoranthene	0.0800	0.0160	0.0771	0.150	76.4	168	1	10.0-137		M1 R5	64.2	31
Chrysene	0.0800	0.0457	0.120	0.374	92.9	410	1	10.0-145		M1 R5	103	30
Dibenz(a,h)anthracene	0.0800	0.0107	0.0666	0.0765	69.9	82.3	1	10.0-132			13.8	31
Fluoranthene	0.0800	0.0408	0.105	0.866	80.3	1030	1	10.0-153		M1 R5	157	33
Fluorene	0.0800	U	0.0731	0.0897	91.4	112	1	11.0-130			20.4	29
Indeno(1,2,3-cd)pyrene	0.0800	0.0292	0.0843	0.151	68.9	152	1	10.0-137		M1 R5	56.7	32
Naphthalene	0.0800	0.00903	0.0704	0.0629	76.7	67.3	1	10.0-135			11.3	27
Phenanthrene	0.0800	0.0205	0.0898	0.577	86.6	696	1	10.0-144		M1 R5	146	31
Pyrene	0.0800	0.0577	0.114	0.717	70.4	824	1	10.0-148		M1 R5	145	35
1-Methylnaphthalene	0.0800	0.00605	0.0739	0.0661	84.8	75.1	1	10.0-142			11.1	28
2-Methylnaphthalene	0.0800	0.0126	0.0785	0.0697	82.4	71.4	1	10.0-137			11.9	28
2-Chloronaphthalene	0.0800	U	0.0665	0.0578	83.1	72.3	1	29.0-120			14.0	24
(S) p-Terphenyl-d14					*81.1*	*69.8*		*23.0-120*				
(S) Nitrobenzene-d5					*96.0*	*83.1*		*14.0-149*				
(S) 2-Fluorobiphenyl					*83.6*	*70.1*		*34.0-125*				

Method Blank (MB)

(MB) R4037139-3 02/21/24 20:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*90.2*			*23.0-120*
(S) Nitrobenzene-d5	*58.9*			*14.0-149*
(S) 2-Fluorobiphenyl	*69.4*			*34.0-125*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4037139-1 02/21/24 20:03 • (LCSD) R4037139-2 02/21/24 20:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0658	0.0628	82.3	78.5	50.0-126			4.67	20
Acenaphthene	0.0800	0.0612	0.0608	76.5	76.0	50.0-120			0.656	20
Acenaphthylene	0.0800	0.0679	0.0673	84.9	84.1	50.0-120			0.888	20
Benzo(a)anthracene	0.0800	0.0665	0.0638	83.1	79.8	45.0-120			4.14	20
Benzo(a)pyrene	0.0800	0.0563	0.0547	70.4	68.4	42.0-120			2.88	20
Benzo(b)fluoranthene	0.0800	0.0613	0.0597	76.6	74.6	42.0-121			2.64	20
Benzo(g,h,i)perylene	0.0800	0.0606	0.0605	75.8	75.6	45.0-125			0.165	20
Benzo(k)fluoranthene	0.0800	0.0591	0.0591	73.9	73.9	49.0-125			0.000	20
Chrysene	0.0800	0.0648	0.0650	81.0	81.3	49.0-122			0.308	20
Dibenz(a,h)anthracene	0.0800	0.0622	0.0609	77.8	76.1	47.0-125			2.11	20
Fluoranthene	0.0800	0.0720	0.0696	90.0	87.0	49.0-129			3.39	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4037139-1 02/21/24 20:03 • (LCSD) R4037139-2 02/21/24 20:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0676	0.0663	84.5	82.9	49.0-120			1.94	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0612	0.0599	76.5	74.9	46.0-125			2.15	20
Naphthalene	0.0800	0.0636	0.0638	79.5	79.8	50.0-120			0.314	20
Phenanthrene	0.0800	0.0654	0.0642	81.8	80.3	47.0-120			1.85	20
Pyrene	0.0800	0.0635	0.0630	79.4	78.8	43.0-123			0.791	20
1-Methylnaphthalene	0.0800	0.0692	0.0696	86.5	87.0	51.0-121			0.576	20
2-Methylnaphthalene	0.0800	0.0663	0.0654	82.9	81.8	50.0-120			1.37	20
2-Chloronaphthalene	0.0800	0.0642	0.0629	80.3	78.6	50.0-120			2.05	20
(S) p-Terphenyl-d14				*88.8*	*87.1*	*23.0-120*				
(S) Nitrobenzene-d5				*61.9*	*62.6*	*14.0-149*				
(S) 2-Fluorobiphenyl				*71.5*	*73.0*	*34.0-125*				

L1707488-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707488-02 02/22/24 01:37 • (MS) R4037139-4 02/22/24 01:55 • (MSD) R4037139-5 02/22/24 02:13

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0796	U	0.0542	0.0518	68.1	65.4	1	10.0-145			4.53	30
Acenaphthene	0.0796	U	0.0559	0.0535	70.2	67.6	1	14.0-127			4.39	27
Acenaphthylene	0.0796	U	0.0605	0.0578	76.0	73.0	1	21.0-124			4.56	25
Benzo(a)anthracene	0.0796	U	0.0567	0.0520	71.2	65.7	1	10.0-139			8.65	30
Benzo(a)pyrene	0.0796	U	0.0562	0.0521	70.6	65.8	1	10.0-141			7.57	31
Benzo(b)fluoranthene	0.0796	U	0.0579	0.0551	72.7	69.6	1	10.0-140			4.96	36
Benzo(g,h,i)perylene	0.0796	U	0.0560	0.0531	70.4	67.0	1	10.0-140			5.32	33
Benzo(k)fluoranthene	0.0796	U	0.0552	0.0497	69.3	62.8	1	10.0-137			10.5	31
Chrysene	0.0796	U	0.0602	0.0576	75.6	72.7	1	10.0-145			4.41	30
Dibenz(a,h)anthracene	0.0796	U	0.0517	0.0479	64.9	60.5	1	10.0-132			7.63	31
Fluoranthene	0.0796	U	0.0645	0.0606	81.0	76.5	1	10.0-153			6.24	33
Fluorene	0.0796	U	0.0592	0.0567	74.4	71.6	1	11.0-130			4.31	29
Indeno(1,2,3-cd)pyrene	0.0796	U	0.0524	0.0497	65.8	62.8	1	10.0-137			5.29	32
Naphthalene	0.0796	U	0.0602	0.0566	75.6	71.5	1	10.0-135			6.16	27
Phenanthrene	0.0796	U	0.0595	0.0563	74.7	71.1	1	10.0-144			5.53	31
Pyrene	0.0796	U	0.0611	0.0579	76.8	73.1	1	10.0-148			5.38	35
1-Methylnaphthalene	0.0796	U	0.0652	0.0620	81.9	78.3	1	10.0-142			5.03	28
2-Methylnaphthalene	0.0796	U	0.0601	0.0566	75.5	71.5	1	10.0-137			6.00	28
2-Chloronaphthalene	0.0796	U	0.0576	0.0548	72.4	69.2	1	29.0-120			4.98	24
(S) p-Terphenyl-d14					*86.6*	*82.4*		*23.0-120*				
(S) Nitrobenzene-d5					*65.3*	*49.4*		*14.0-149*				
(S) 2-Fluorobiphenyl					*76.0*	*62.8*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS39 • File ID: 0221_02

02/21/24 10:12

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0221_02	514389.90	189003.50	207390.20
Upper Limit		1028780	378007	414780
Lower Limit		257195	94502	103695
LCS R4036612-1 WG2230897 1x	0221_02LCSA	514389.90	189003.50	207390.20
LCSD R4036612-2 WG2230897 1x	0221_03A	510078	186819.70	203464.90
BLANK R4036612-3 WG2230897 1x	0221_07A	591101.90	212366.40	217713.40
L1707462-04 WG2230897 1000x	0221_11	529893.20	196454.80	202548.30
L1707462-13 WG2230897 1000x	0221_12	526774.30	186883.70	210669.80

Instrument: VOCMS39 • File ID: 0222_29

02/22/24 21:49

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0222_29	543513.80	203503.90	214455
Upper Limit		1087028	407008	428910
Lower Limit		271757	101752	107228
LCS R4037430-1 WG2231591 1x	0222_29LCS	543513.80	203503.90	214455
LCSD R4037430-2 WG2231591 1x	0222_30	536478.80	201941.60	212157.50
BLANK R4037430-3 WG2231591 1x	0222_34	611060.20	225672.50	221035.40
L1707462-17 WG2231591 200x	0222_46	568528.20	206890.80	213951

Instrument: VOCMS42 • File ID: 0221_02

02/21/24 08:46

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0221_02	605293.10	289196	272997.90
Upper Limit		1210586	578392	545996
Lower Limit		302647	144598	136499
LCS R4036457-1 WG2230265 1x	0221_02LCSA	605293.10	289196	272997.90
LCSD R4036457-2 WG2230265 1x	0221_03A	584874.90	278538.30	263810.30
BLANK R4036457-3 WG2230265 1x	0221_07A	577429.60	277346.20	260202
L1707462-04 WG2230265 40x	0221_08	735582.30	354411.70	356519.60

INTERNAL STANDARD SUMMARY

Instrument: VOCMS42 • File ID: 0221_02

02/21/24 08:46

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
L1707462-13 WG2230265 40x	0221_09	630027.40	307636.40	290370.30
L1707462-05 WG2230265 40x	0221_20	623617.10	303643.70	287823
L1707462-06 WG2230265 20x	0221_21	563325.60	274885.10	259116.80
L1707462-07 WG2230265 40x	0221_22	561036.10	272193.30	267520.40
L1707462-08 WG2230265 40x	0221_23	583896.30	284319.40	262253.50
L1707462-09 WG2230265 40x	0221_24	575259.70	282003.60	274025.50
L1707462-10 WG2230265 20x	0221_25	591959.40	291203.60	273168
L1707462-14 WG2230265 40x	0221_26	600196.70	296226.80	285095.90
L1707462-15 WG2230265 40x	0221_27	627568.10	312214.60	299474.50
L1707462-16 WG2230265 40x	0221_28	622202.70	302820.70	294423.30

Instrument: VOCMS42 • File ID: 0221_30

02/21/24 17:56

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0221_30	622147.50	301699.70	286577.20
Upper Limit		1244295	603399	573154
Lower Limit		311074	150850	143289
LCS R4036869-1 WG2231204 1x	0221_30LCS	622147.50	301699.70	286577.20
LCSD R4036869-2 WG2231204 1x	0221_31	596014.20	284709.80	270914.20
BLANK R4036869-3 WG2231204 1x	0221_35	593216	281096.10	266602.20
L1707462-01 WG2231204 1.14x	0221_47	609093.40	291635.10	276500
L1707462-02 WG2231204 1x	0221_48	620215.10	297346.10	277974.20
L1707462-03 WG2231204 1x	0221_49	570939	269542.90	256657.30
L1707462-11 WG2231204 1x	0221_50	583734.10	282190.70	265753.10
L1707462-12 WG2231204 1x	0221_51	563993.40	271943.40	257656.80
L1707462-17 WG2231204 40x	0221_56	581596.30	276755.50	267358.40

INTERNAL STANDARD SUMMARY

Instrument: VOCMS42 • File ID: 0222_02

02/22/24 13:28

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0222_02	504411.70	249669.50	241967.60
Upper Limit		1008823	499339	483935
Lower Limit		252206	124835	120984
LCS R4037474-1 WG2231680 1x	0222_02LCSB	504411.70	249669.50	241967.60
LCSD R4037474-2 WG2231680 1x	0222_03B	505461.80	252697.80	246625.10
BLANK R4037474-3 WG2231680 1x	0222_07B	491643.70	236797	233865.10
L1707462-05 WG2231680 800x	0222_22	488436.70	239711.50	234982
L1707462-06 WG2231680 800x	0222_23	499423.90	243172	234987.70
L1707462-07 WG2231680 1000x	0222_24	490371.20	240594.20	232819.80
L1707462-08 WG2231680 1000x	0222_25	503379	247775.90	240568.40
L1707462-09 WG2231680 4000x	0222_26	488172	238628.50	230914.70
L1707462-10 WG2231680 1000x	0222_27	502389.60	239544.80	236915.90
L1707462-14 WG2231680 1000x	0222_28	501484.50	242642.90	236424.40
L1707462-15 WG2231680 4000x	0222_29	501445.80	246015.50	244905.20
L1707462-16 WG2231680 2000x	0222_30	512072.80	249439.30	244161.80

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0221_03

02/21/24 09:26

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0221_03	67145	34042	60066	49867	42400
Upper Limit		134290	68084	120132	99734	84800
Lower Limit		33573	17021	30033	24934	21200
LCS R4037304-1 WG2230409 1x	0221_05	50191	25055	43538	34676	27263
BLANK R4037304-2 WG2230409 1x	0221_06	49964	24603	42570	32821	24616
L1707462-05 WG2230409 1x	0221_08	47389	24828	44438	32493	22937
L1707462-06 WG2230409 1x	0221_09	52661	26185	44444	32312	23025
L1707462-07 WG2230409 1x	0221_10	49929	25113	45852	33977	23280
L1707462-08 WG2230409 1x	0221_11	49038	27170	44826	32442	22369
L1707462-09 WG2230409 1x	0221_12	54637	26964	48714	36017	24131
L1707462-10 WG2230409 1x	0221_13	51916	26562	47915	34697	23538
L1707462-14 WG2230409 1x	0221_14	50403	26123	46856	34073	22875
L1707462-15 WG2230409 1x	0221_15	56577	23352	47223	34854	23739
L1707462-16 WG2230409 1x	0221_16	50739	25750	46722	33898	22909
MS R4037304-3 WG2230409 1x	0221_26	52444	26691	47985	41343	41160
MSD R4037304-4 WG2230409 1x	0221_27	51366	26469	48585	40638	41224

Instrument: BNAMS25 • File ID: 0222A_03

02/22/24 20:51

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0222A_03	65910	33216	58610	49689	41764
Upper Limit		131820	66432	117220	99378	83528
Lower Limit		32955	16608	29305	24845	20882
L1707462-06 WG2230409 10x	0222A_28	52567	25739	44457	34003	27799
L1707462-05 WG2230409 20x	0222A_31	50146	25825	46100	39256	39162
L1707462-07 WG2230409 20x	0222A_32	51137	25979	45523	38104	36205
L1707462-08 WG2230409 20x	0222A_33	52768	26420	46520	37715	34107
L1707462-09 WG2230409 20x	0222A_34	49413	25305	43456	35490	30520
L1707462-10 WG2230409 20x	0222A_35	50915	25390	43703	33579	27761
L1707462-14 WG2230409 20x	0222A_36	48646	24232	42362	32818	25983
L1707462-15 WG2230409 20x	0222A_37	48988	24967	42873	31870	24500
L1707462-16 WG2230409 20x	0222A_38	49992	24772	42622	31402	23526

INTERNAL STANDARD SUMMARY

Instrument: BNAMS30 • File ID: 0221_03

02/21/24 00:47

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0221_03	34239	18323	35500	33098	33193
Upper Limit		68478	36646	71000	66196	66386
Lower Limit		17120	9162	17750	16549	16597
LCS R4036203-1 WG2230022 1x	0221_04	28816	15619	30999	28435	26984
BLANK R4036203-2 WG2230022 1x	0221_05	28931	15277	29770	26315	25100
L1707462-04 WG2230022 1x	0221_06	28764	18617	31910	26697	25138
L1707462-13 WG2230022 1x	0221_07	30299	18702	33445	28725	27436
MS R4036203-3 WG2230022 1x	0221_08	31260	18840	34565	29709	28554
MSD R4036203-4 WG2230022 1x	0221_09	32165	19109	35543	30278	29331
L1707462-04 WG2230022 10x	0221_10	28615	15406	30055	26421	25770
L1707462-13 WG2230022 10x	0221_11	31390	16884	33151	28347	27785

Instrument: BNAMS31 • File ID: 0221A_03

02/21/24 19:35

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0221A_03	33653	19779	39815	38681	38131
Upper Limit		67306	39558	79630	77362	76262
Lower Limit		16827	9890	19908	19341	19066
LCS R4037139-1 WG2230415 1x	0221A_04	29657	17240	34759	33585	32313
LCSD R4037139-2 WG2230415 1x	0221A_05	28832	16718	34162	32490	30558
BLANK R4037139-3 WG2230415 1x	0221A_06	27972	16293	32587	30174	28398
L1707462-01 WG2230415 1x	0221A_10	27838	16195	32613	29733	26840
L1707462-02 WG2230415 1x	0221A_11	27961	16194	32409	29222	26616
L1707462-03 WG2230415 1x	0221A_12	28147	16457	32857	28921	25986
L1707462-11 WG2230415 1x	0221A_13	27959	16365	32329	28925	25589
L1707462-12 WG2230415 1x	0221A_14	27622	16061	31936	28510	25148
L1707462-17 WG2230415 1x	0221A_15	29914	17126	33858	29684	27081
MS R4037139-4 WG2230415 1x	0221A_24	26314	15246	30391	27279	22930
MSD R4037139-5 WG2230415 1x	0221A_25	27322	15749	31290	27982	23571

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis not possible due to insufficient sample.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated blank spike recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S6	Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide useful information. The associated blank spike recovery was acceptable.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Cirlce K Store No. 2705326**

City/State Collected: Chino Valley

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326 SRI**

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): Jesus Ibarra

Site/Facility ID # **CK2705326**

P.O. # CK5326 SBS

Collected by (signature):

Immediately Packed on Ice N ____ Y ✓

Rush? (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day

Quote # 00107122

Date Results Needed: See Remarks / Standard TAT if no Remark.

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	RCRA8 Metals 250mlHDPE-HNO3	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb-HCl	V8260AZ 40mlAmb/MeOH10ml/Syr					Remarks	Sample # (lab only)
SB-1-5	G	SS	5	2/16/24	1030	2			X		X						-01
SB-1-10	G	SS	10	2/16/24	1046	2			X		X						-02
SB-1-15	G	SS	15	2/16/24	1049	2			X		X						-03
SB-1-20	G	SS	20	2/16/24	1058	2			X		X					Same Day	-04 -01
SB-1-25	G	SS	25	2/16/24	1111	2			X		X					3-Day	-05
SB-1-30	G	SS	30	2/16/24	1122	2			X		X					3-Day	-06
SB-1-35	G	SS	35	2/16/24	1138	2			X		X					3-Day	-07
SB-1-40	G	SS	40	2/16/24	1205	2			X		X					3-Day	-08
SB-1-45	G	SS	45	2/16/24	1214	2			X		X					3-Day	-09
SB-1-50	G	SS	50	2/16/24	1225	2			X		X					3-Day	-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __UPS __FedEx __Courier _____

Tracking # 7074 8795 3667

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	2/19/24	0515	Michael Stumpf PNWR Recd from Prep Box 2/19/24 0900	
Relinquished by : (Signature) Michael Stumpf PNWR	Date: 2/19/24	Time: 1800	Received by: (Signature) Sun	Temp: 1.3+0=1.3 °C DPA9 Bottles Received: 35
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) CRoberts	Date: 02.20.24 Time: 0930

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1707462
B190
Ta

Acctnum: **ENCORETAZ**
Template: **T247090**
Prelogin: **P1055494**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Cirlce K Store No. 2705326**

City/State Collected: Chino Valley

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326 SRI**

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): Jesus Ibarra

Site/Facility ID # **CK2705326**

P.O. # CUS326 SBS

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: See Remarks. Standard TAT unless Rush stated

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	RCRA8 Metals 250mlHDPE-HNO3	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb-HCl	V8260AZ 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
SB-2-5	G	SS	5	2/16/24	1357	2			X		X		-11
SB-2-10	G	SS	10	2/16/24	1405	2			X		X		-12
SB-2-15	G	SS	15	2/16/24	1415	2			X		X	Same Day	~~-13~~ -02
SB-2-20	G	SS	20	2/16/24	1422	2			X		X	3-Day	-14
SB-2-25	G	SS	25	2/16/24	1433	2			X		X	3-Day	-15
SB-2-30	G	SS	30	2/16/24	1445	2			X		X	3-Day	-16
Trip Blank	—	~~SS~~	—	—	—	~~1~~					X		
IDW-Soil	Comp	SS	—	2/16/24	1600	3		X	X		X		-17
		SS											
		SS											

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1707462

Table #

Acctnum: **ENCORETAZ**
Template: **T247090**
Prelogin: **P1055494**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

TO 2/20

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __UPS ✓FedEx __Courier _____

Tracking # 7074 8795 3667

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	2/19/24	0515	Nicole Sweet PM/PM DROP BOX 2/19/24 0900		
Nicole Sweet PM/PM	2/19/24	1800	Sura	Temp: 1.3+0=1.3 °C Bottles Received: 35	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 02.20.24 Time: 0930	Hold: Condition: NCF / OK

ANALYTICAL REPORT

March 04, 2024

EnCore Consulting, LLC.

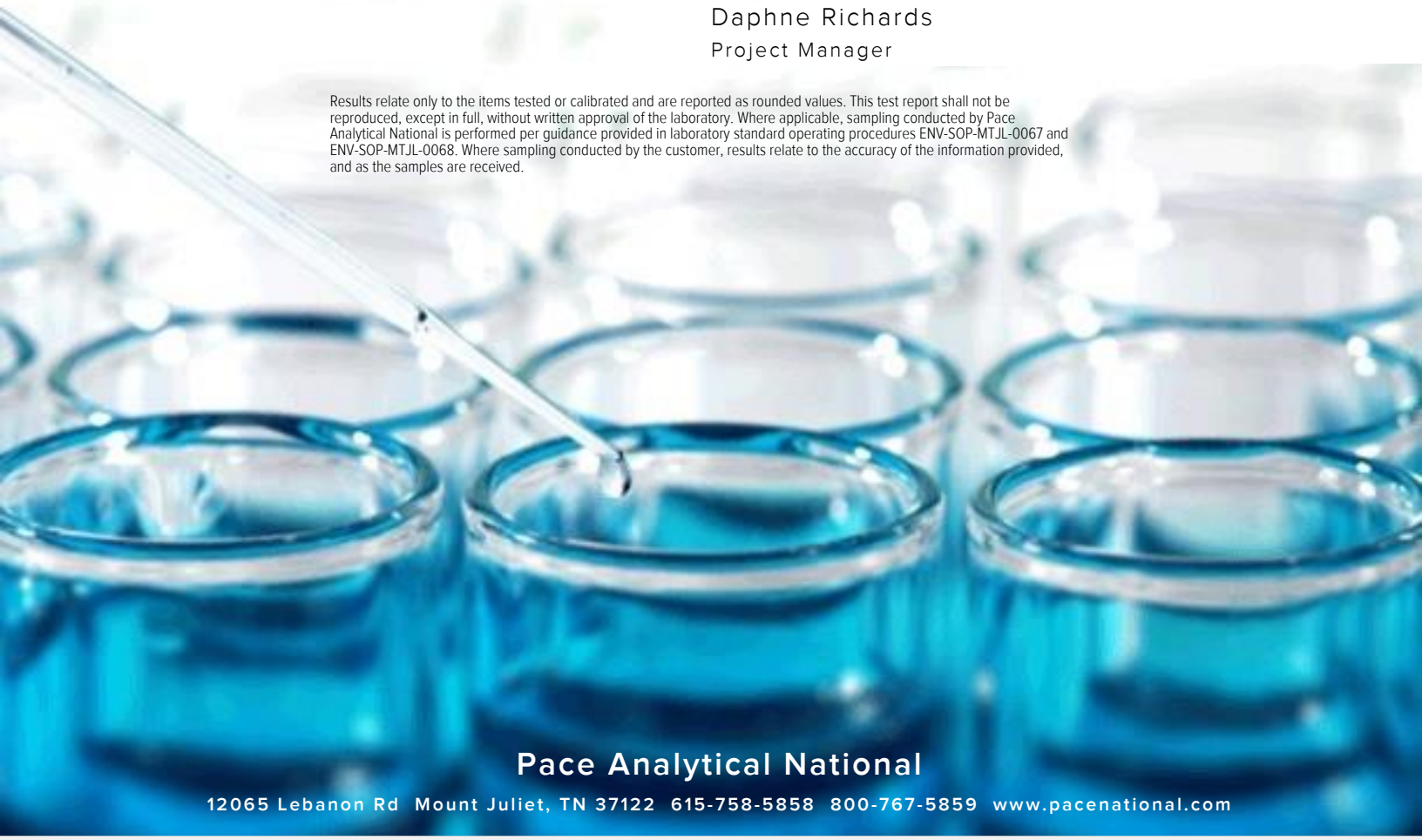
Sample Delivery Group:	L1708614
Samples Received:	02/23/2024
Project Number:	CK2705326
Description:	Circle K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

SB-1-55 L1708614-01 Solid

Collected by: TB | Collected date/time: 02/20/24 09:15 | Received date/time: 02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234138	40	02/20/24 09:15	02/26/24 17:32	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237030	1000	02/20/24 09:15	02/29/24 22:38	JHH	Mt. Juliet, TN

SB-1-60 L1708614-02 Solid

Collected by: TB | Collected date/time: 02/20/24 09:31 | Received date/time: 02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234138	1	02/20/24 09:31	02/26/24 12:51	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237030	20	02/20/24 09:31	02/29/24 22:58	JHH	Mt. Juliet, TN

SB-1-65 L1708614-03 Solid

Collected by: TB | Collected date/time: 02/20/24 09:46 | Received date/time: 02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234138	20	02/20/24 09:46	02/26/24 17:52	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237030	400	02/20/24 09:46	02/29/24 23:17	JHH	Mt. Juliet, TN

SB-1-70 L1708614-04 Solid

Collected by: TB | Collected date/time: 02/20/24 10:04 | Received date/time: 02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234138	8	02/20/24 10:04	02/26/24 18:12	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237030	200	02/20/24 10:04	02/29/24 23:37	JHH	Mt. Juliet, TN

SB-1-75 L1708614-05 Solid

Collected by: TB | Collected date/time: 02/20/24 12:16 | Received date/time: 02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234138	20	02/20/24 12:16	02/26/24 18:32	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237030	400	02/20/24 12:16	02/29/24 23:57	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237835	2000	02/20/24 12:16	03/02/24 01:21	ADM	Mt. Juliet, TN

SB-1-80 L1708614-06 Solid

Collected by: TB | Collected date/time: 02/20/24 13:12 | Received date/time: 02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234138	40	02/20/24 13:12	02/26/24 18:52	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237030	1000	02/20/24 13:12	03/01/24 00:16	JHH	Mt. Juliet, TN

SB-1-85 L1708614-07 Solid

Collected by: TB | Collected date/time: 02/20/24 14:11 | Received date/time: 02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234138	40	02/20/24 14:11	02/26/24 19:12	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237030	1000	02/20/24 14:11	03/01/24 00:36	JHH	Mt. Juliet, TN

TRIP BLANK L1708614-08 GW

Collected by	Collected date/time	Received date/time
TB	02/20/24 00:00	02/23/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2233783	1	02/25/24 16:27	02/25/24 16:27	ADM	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1708614-01	SB-1-55	8260B
L1708614-02	SB-1-60	8260B
L1708614-03	SB-1-65	8260B
L1708614-04	SB-1-70	8260B
L1708614-05	SB-1-75	8260B
L1708614-06	SB-1-80	8260B
L1708614-07	SB-1-85	8260B
L1708614-08	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/26/2024 17:32	WG2234138
Acrylonitrile	U		3.61	12.5	40	02/26/2024 17:32	WG2234138
Benzene	110		11.7	25.0	1000	02/29/2024 22:38	WG2237030
Bromobenzene	U		0.900	12.5	40	02/26/2024 17:32	WG2234138
Bromodichloromethane	U		0.725	2.50	40	02/26/2024 17:32	WG2234138
Bromoform	U		1.17	25.0	40	02/26/2024 17:32	WG2234138
Bromomethane	U		1.97	12.5	40	02/26/2024 17:32	WG2234138
1,3-Butadiene	U		5.13	25.0	40	02/26/2024 17:32	WG2234138
n-Butylbenzene	11.6	E4	5.25	12.5	40	02/26/2024 17:32	WG2234138
sec-Butylbenzene	8.81	E4	2.88	12.5	40	02/26/2024 17:32	WG2234138
tert-Butylbenzene	U		1.95	5.00	40	02/26/2024 17:32	WG2234138
Carbon disulfide	U		0.700	12.5	40	02/26/2024 17:32	WG2234138
Carbon tetrachloride	U		0.898	5.00	40	02/26/2024 17:32	WG2234138
Chlorobenzene	U		0.210	2.50	40	02/26/2024 17:32	WG2234138
Chlorodibromomethane	U		0.612	2.50	40	02/26/2024 17:32	WG2234138
Chloroethane	U		1.70	5.00	40	02/26/2024 17:32	WG2234138
Chloroform	8.97		1.03	2.50	40	02/26/2024 17:32	WG2234138
Chloromethane	20.0		4.35	12.5	40	02/26/2024 17:32	WG2234138
2-Chlorotoluene	U		0.865	2.50	40	02/26/2024 17:32	WG2234138
4-Chlorotoluene	U		0.450	5.00	40	02/26/2024 17:32	WG2234138
Cyclohexane	179		27.8	62.5	1000	02/29/2024 22:38	WG2237030
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/26/2024 17:32	WG2234138
1,2-Dibromoethane	U		0.648	2.50	40	02/26/2024 17:32	WG2234138
Dibromomethane	U		0.750	5.00	40	02/26/2024 17:32	WG2234138
1,2-Dichlorobenzene	U		0.425	5.00	40	02/26/2024 17:32	WG2234138
1,3-Dichlorobenzene	U		0.600	5.00	40	02/26/2024 17:32	WG2234138
1,4-Dichlorobenzene	U		0.700	5.00	40	02/26/2024 17:32	WG2234138
Dichlorodifluoromethane	U		1.61	2.50	40	02/26/2024 17:32	WG2234138
1,1-Dichloroethane	U		0.491	2.50	40	02/26/2024 17:32	WG2234138
1,2-Dichloroethane	U		0.649	2.50	40	02/26/2024 17:32	WG2234138
1,1-Dichloroethene	U		0.606	2.50	40	02/26/2024 17:32	WG2234138
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/26/2024 17:32	WG2234138
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/26/2024 17:32	WG2234138
1,2-Dichloropropane	U		1.42	5.00	40	02/26/2024 17:32	WG2234138
1,1-Dichloropropene	U		0.809	2.50	40	02/26/2024 17:32	WG2234138
1,3-Dichloropropane	U		0.501	5.00	40	02/26/2024 17:32	WG2234138
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/26/2024 17:32	WG2234138
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/26/2024 17:32	WG2234138
2,2-Dichloropropane	U		1.38	2.50	40	02/26/2024 17:32	WG2234138
Dicyclopentadiene	U		1.65	12.5	40	02/26/2024 17:32	WG2234138
Di-isopropyl ether	U		0.410	1.00	40	02/26/2024 17:32	WG2234138
Ethylbenzene	211		18.4	62.5	1000	02/29/2024 22:38	WG2237030
4-Ethyltoluene	U		58.0	125	1000	02/29/2024 22:38	WG2237030
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/26/2024 17:32	WG2234138
n-Hexane	176		56.5	125	1000	02/29/2024 22:38	WG2237030
Isopropylbenzene	28.7		0.425	2.50	40	02/26/2024 17:32	WG2234138
p-Isopropyltoluene	5.87		2.55	5.00	40	02/26/2024 17:32	WG2234138
2-Butanone (MEK)	U	R7	63.5	100	40	02/26/2024 17:32	WG2234138
Methylene Chloride	U		6.64	25.0	40	02/26/2024 17:32	WG2234138
4-Methyl-2-pentanone (MIBK)	18.2	E4	2.28	25.0	40	02/26/2024 17:32	WG2234138
Methyl tert-butyl ether	U		0.350	1.00	40	02/26/2024 17:32	WG2234138
Methyl Cyclohexane	97.3	E4	51.5	125	1000	02/29/2024 22:38	WG2237030
Naphthalene	33.9		4.88	12.5	40	02/26/2024 17:32	WG2234138
Propene	U		6.12	50.0	40	02/26/2024 17:32	WG2234138
n-Propylbenzene	72.8		0.950	5.00	40	02/26/2024 17:32	WG2234138
Styrene	U		0.229	12.5	40	02/26/2024 17:32	WG2234138

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/26/2024 17:32	WG2234138
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/26/2024 17:32	WG2234138
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/26/2024 17:32	WG2234138
Tetrachloroethene	U		0.896	2.50	40	02/26/2024 17:32	WG2234138
Toluene	867		32.5	125	1000	02/29/2024 22:38	WG2237030
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/26/2024 17:32	WG2234138
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/26/2024 17:32	WG2234138
1,1,1-Trichloroethane	U		0.923	2.50	40	02/26/2024 17:32	WG2234138
1,1,2-Trichloroethane	U		0.597	2.50	40	02/26/2024 17:32	WG2234138
Trichloroethene	U		0.584	1.00	40	02/26/2024 17:32	WG2234138
Trichlorofluoromethane	U		0.827	2.50	40	02/26/2024 17:32	WG2234138
1,2,3-Trichloropropane	U		1.62	12.5	40	02/26/2024 17:32	WG2234138
1,2,4-Trimethylbenzene	229		39.5	125	1000	02/29/2024 22:38	WG2237030
1,2,3-Trimethylbenzene	74.5		1.58	5.00	40	02/26/2024 17:32	WG2234138
1,3,5-Trimethylbenzene	58.9	E4	50.0	125	1000	02/29/2024 22:38	WG2237030
Vinyl chloride	U		1.16	2.50	40	02/26/2024 17:32	WG2234138
Xylenes, Total	858		22.0	163	1000	02/29/2024 22:38	WG2237030
(S) Toluene-d8	*112*			*75.0-131*		*02/26/2024 17:32*	WG2234138
(S) Toluene-d8	*97.1*			*75.0-131*		*02/29/2024 22:38*	WG2237030
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/26/2024 17:32*	WG2234138
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*02/29/2024 22:38*	WG2237030
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*02/26/2024 17:32*	WG2234138
(S) 1,2-Dichloroethane-d4	*94.8*			*70.0-130*		*02/29/2024 22:38*	WG2237030

Sample Narrative:

L1708614-01 WG2234138: Target and Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/26/2024 12:51	WG2234138
Acrylonitrile	U		0.0903	0.313	1	02/26/2024 12:51	WG2234138
Benzene	4.60		0.234	0.500	20	02/29/2024 22:58	WG2237030
Bromobenzene	U		0.0225	0.313	1	02/26/2024 12:51	WG2234138
Bromodichloromethane	U		0.0181	0.0625	1	02/26/2024 12:51	WG2234138
Bromoform	U		0.0293	0.625	1	02/26/2024 12:51	WG2234138
Bromomethane	U		0.0493	0.313	1	02/26/2024 12:51	WG2234138
1,3-Butadiene	U		0.128	0.625	1	02/26/2024 12:51	WG2234138
n-Butylbenzene	U		0.131	0.313	1	02/26/2024 12:51	WG2234138
sec-Butylbenzene	U		0.0720	0.313	1	02/26/2024 12:51	WG2234138
tert-Butylbenzene	U		0.0488	0.125	1	02/26/2024 12:51	WG2234138
Carbon disulfide	U		0.0175	0.313	1	02/26/2024 12:51	WG2234138
Carbon tetrachloride	U		0.0225	0.125	1	02/26/2024 12:51	WG2234138
Chlorobenzene	U		0.00525	0.0625	1	02/26/2024 12:51	WG2234138
Chlorodibromomethane	U		0.0153	0.0625	1	02/26/2024 12:51	WG2234138
Chloroethane	U		0.0425	0.125	1	02/26/2024 12:51	WG2234138
Chloroform	0.195		0.0258	0.0625	1	02/26/2024 12:51	WG2234138
Chloromethane	U		0.109	0.313	1	02/26/2024 12:51	WG2234138
2-Chlorotoluene	U		0.0216	0.0625	1	02/26/2024 12:51	WG2234138
4-Chlorotoluene	U		0.0113	0.125	1	02/26/2024 12:51	WG2234138
Cyclohexane	3.00		0.555	1.25	20	02/29/2024 22:58	WG2237030
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/26/2024 12:51	WG2234138
1,2-Dibromoethane	U		0.0162	0.0625	1	02/26/2024 12:51	WG2234138
Dibromomethane	U		0.0188	0.125	1	02/26/2024 12:51	WG2234138
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/26/2024 12:51	WG2234138
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/26/2024 12:51	WG2234138
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/26/2024 12:51	WG2234138
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/26/2024 12:51	WG2234138
1,1-Dichloroethane	U		0.0123	0.0625	1	02/26/2024 12:51	WG2234138
1,2-Dichloroethane	U		0.0162	0.0625	1	02/26/2024 12:51	WG2234138
1,1-Dichloroethene	U		0.0152	0.0625	1	02/26/2024 12:51	WG2234138
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/26/2024 12:51	WG2234138
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/26/2024 12:51	WG2234138
1,2-Dichloropropane	U		0.0355	0.125	1	02/26/2024 12:51	WG2234138
1,1-Dichloropropene	U		0.0202	0.0625	1	02/26/2024 12:51	WG2234138
1,3-Dichloropropane	U		0.0125	0.125	1	02/26/2024 12:51	WG2234138
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/26/2024 12:51	WG2234138
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/26/2024 12:51	WG2234138
2,2-Dichloropropane	U		0.0345	0.0625	1	02/26/2024 12:51	WG2234138
Dicyclopentadiene	U		0.0413	0.313	1	02/26/2024 12:51	WG2234138
Di-isopropyl ether	U		0.0103	0.0250	1	02/26/2024 12:51	WG2234138
Ethylbenzene	4.01		0.369	1.25	20	02/29/2024 22:58	WG2237030
4-Ethyltoluene	U		1.16	2.50	20	02/29/2024 22:58	WG2237030
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/26/2024 12:51	WG2234138
n-Hexane	2.59		1.13	2.50	20	02/29/2024 22:58	WG2237030
Isopropylbenzene	0.318		0.0106	0.0625	1	02/26/2024 12:51	WG2234138
p-Isopropyltoluene	U		0.0638	0.125	1	02/26/2024 12:51	WG2234138
2-Butanone (MEK)	U	R7	1.59	2.50	1	02/26/2024 12:51	WG2234138
Methylene Chloride	U		0.166	0.625	1	02/26/2024 12:51	WG2234138
4-Methyl-2-pentanone (MIBK)	0.388	E4	0.0570	0.625	1	02/26/2024 12:51	WG2234138
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/26/2024 12:51	WG2234138
Methyl Cyclohexane	2.11	E4	1.03	2.50	20	02/29/2024 22:58	WG2237030
Naphthalene	U		0.122	0.313	1	02/26/2024 12:51	WG2234138
Propene	U		0.153	1.25	1	02/26/2024 12:51	WG2234138
n-Propylbenzene	0.782		0.0238	0.125	1	02/26/2024 12:51	WG2234138
Styrene	U		0.00573	0.313	1	02/26/2024 12:51	WG2234138

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/26/2024 12:51	WG2234138
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/26/2024 12:51	WG2234138
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/26/2024 12:51	WG2234138
Tetrachloroethene	U		0.0224	0.0625	1	02/26/2024 12:51	WG2234138
Toluene	25.1		0.650	2.50	20	02/29/2024 22:58	WG2237030
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/26/2024 12:51	WG2234138
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/26/2024 12:51	WG2234138
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/26/2024 12:51	WG2234138
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/26/2024 12:51	WG2234138
Trichloroethene	U		0.0146	0.0250	1	02/26/2024 12:51	WG2234138
Trichlorofluoromethane	U		0.0207	0.0625	1	02/26/2024 12:51	WG2234138
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/26/2024 12:51	WG2234138
1,2,4-Trimethylbenzene	1.90	E4	0.790	2.50	20	02/29/2024 22:58	WG2237030
1,2,3-Trimethylbenzene	0.472		0.0395	0.125	1	02/26/2024 12:51	WG2234138
1,3,5-Trimethylbenzene	0.768		0.0500	0.125	1	02/26/2024 12:51	WG2234138
Vinyl chloride	U		0.0290	0.0625	1	02/26/2024 12:51	WG2234138
Xylenes, Total	15.3		0.440	3.25	20	02/29/2024 22:58	WG2237030
(S) Toluene-d8	*113*			*75.0-131*		*02/26/2024 12:51*	WG2234138
(S) Toluene-d8	*97.3*			*75.0-131*		*02/29/2024 22:58*	WG2237030
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/26/2024 12:51*	WG2234138
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*02/29/2024 22:58*	WG2237030
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*02/26/2024 12:51*	WG2234138
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*02/29/2024 22:58*	WG2237030

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		18.3	25.0	20	02/26/2024 17:52	WG2234138
Acrylonitrile	U		1.81	6.25	20	02/26/2024 17:52	WG2234138
Benzene	67.2		4.67	10.0	400	02/29/2024 23:17	WG2237030
Bromobenzene	U		0.450	6.25	20	02/26/2024 17:52	WG2234138
Bromodichloromethane	U		0.363	1.25	20	02/26/2024 17:52	WG2234138
Bromoform	U		0.585	12.5	20	02/26/2024 17:52	WG2234138
Bromomethane	U		0.985	6.25	20	02/26/2024 17:52	WG2234138
1,3-Butadiene	U		2.57	12.5	20	02/26/2024 17:52	WG2234138
n-Butylbenzene	8.07		2.63	6.25	20	02/26/2024 17:52	WG2234138
sec-Butylbenzene	5.34	E4	1.44	6.25	20	02/26/2024 17:52	WG2234138
tert-Butylbenzene	U		0.975	2.50	20	02/26/2024 17:52	WG2234138
Carbon disulfide	U		0.350	6.25	20	02/26/2024 17:52	WG2234138
Carbon tetrachloride	U		0.449	2.50	20	02/26/2024 17:52	WG2234138
Chlorobenzene	U		0.105	1.25	20	02/26/2024 17:52	WG2234138
Chlorodibromomethane	U		0.306	1.25	20	02/26/2024 17:52	WG2234138
Chloroethane	U		0.850	2.50	20	02/26/2024 17:52	WG2234138
Chloroform	5.04		0.515	1.25	20	02/26/2024 17:52	WG2234138
Chloromethane	10.4		2.18	6.25	20	02/26/2024 17:52	WG2234138
2-Chlorotoluene	U		0.433	1.25	20	02/26/2024 17:52	WG2234138
4-Chlorotoluene	U		0.225	2.50	20	02/26/2024 17:52	WG2234138
Cyclohexane	134		11.1	25.0	400	02/29/2024 23:17	WG2237030
1,2-Dibromo-3-Chloropropane	U		1.95	12.5	20	02/26/2024 17:52	WG2234138
1,2-Dibromoethane	U		0.324	1.25	20	02/26/2024 17:52	WG2234138
Dibromomethane	U		0.375	2.50	20	02/26/2024 17:52	WG2234138
1,2-Dichlorobenzene	U		0.213	2.50	20	02/26/2024 17:52	WG2234138
1,3-Dichlorobenzene	U		0.300	2.50	20	02/26/2024 17:52	WG2234138
1,4-Dichlorobenzene	U		0.350	2.50	20	02/26/2024 17:52	WG2234138
Dichlorodifluoromethane	U		0.805	1.25	20	02/26/2024 17:52	WG2234138
1,1-Dichloroethane	U		0.246	1.25	20	02/26/2024 17:52	WG2234138
1,2-Dichloroethane	U		0.325	1.25	20	02/26/2024 17:52	WG2234138
1,1-Dichloroethene	U		0.303	1.25	20	02/26/2024 17:52	WG2234138
cis-1,2-Dichloroethene	U		0.367	1.25	20	02/26/2024 17:52	WG2234138
trans-1,2-Dichloroethene	U		0.520	2.50	20	02/26/2024 17:52	WG2234138
1,2-Dichloropropane	U		0.710	2.50	20	02/26/2024 17:52	WG2234138
1,1-Dichloropropene	U		0.405	1.25	20	02/26/2024 17:52	WG2234138
1,3-Dichloropropane	U		0.251	2.50	20	02/26/2024 17:52	WG2234138
cis-1,3-Dichloropropene	U		0.379	1.25	20	02/26/2024 17:52	WG2234138
trans-1,3-Dichloropropene	U		0.570	2.50	20	02/26/2024 17:52	WG2234138
2,2-Dichloropropane	U		0.690	1.25	20	02/26/2024 17:52	WG2234138
Dicyclopentadiene	U		0.825	6.25	20	02/26/2024 17:52	WG2234138
Di-isopropyl ether	U		0.205	0.500	20	02/26/2024 17:52	WG2234138
Ethylbenzene	132		7.37	25.0	400	02/29/2024 23:17	WG2237030
4-Ethyltoluene	33.1	E4	23.2	50.0	400	02/29/2024 23:17	WG2237030
Hexachloro-1,3-butadiene	U		3.00	12.5	20	02/26/2024 17:52	WG2234138
n-Hexane	168		22.6	50.0	400	02/29/2024 23:17	WG2237030
Isopropylbenzene	16.5		0.213	1.25	20	02/26/2024 17:52	WG2234138
p-Isopropyltoluene	2.87		1.28	2.50	20	02/26/2024 17:52	WG2234138
2-Butanone (MEK)	U	R7	31.8	50.0	20	02/26/2024 17:52	WG2234138
Methylene Chloride	U		3.32	12.5	20	02/26/2024 17:52	WG2234138
4-Methyl-2-pentanone (MIBK)	7.67	E4	1.14	12.5	20	02/26/2024 17:52	WG2234138
Methyl tert-butyl ether	U		0.175	0.500	20	02/26/2024 17:52	WG2234138
Methyl Cyclohexane	84.5		20.6	50.0	400	02/29/2024 23:17	WG2237030
Naphthalene	24.4		2.44	6.25	20	02/26/2024 17:52	WG2234138
Propene	U		3.06	25.0	20	02/26/2024 17:52	WG2234138
n-Propylbenzene	28.0	E4	9.50	50.0	400	02/29/2024 23:17	WG2237030
Styrene	U		0.115	6.25	20	02/26/2024 17:52	WG2234138

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.474	1.25	20	02/26/2024 17:52	WG2234138
1,1,2,2-Tetrachloroethane	U		0.348	1.25	20	02/26/2024 17:52	WG2234138
1,1,2-Trichlorotrifluoroethane	U		0.377	1.25	20	02/26/2024 17:52	WG2234138
Tetrachloroethene	U		0.448	1.25	20	02/26/2024 17:52	WG2234138
Toluene	511		13.0	50.0	400	02/29/2024 23:17	WG2237030
1,2,3-Trichlorobenzene	U		3.67	6.25	20	02/26/2024 17:52	WG2234138
1,2,4-Trichlorobenzene	U		2.20	6.25	20	02/26/2024 17:52	WG2234138
1,1,1-Trichloroethane	U		0.461	1.25	20	02/26/2024 17:52	WG2234138
1,1,2-Trichloroethane	U		0.299	1.25	20	02/26/2024 17:52	WG2234138
Trichloroethene	U		0.292	0.500	20	02/26/2024 17:52	WG2234138
Trichlorofluoromethane	U		0.414	1.25	20	02/26/2024 17:52	WG2234138
1,2,3-Trichloropropane	U		0.810	6.25	20	02/26/2024 17:52	WG2234138
1,2,4-Trimethylbenzene	153		15.8	50.0	400	02/29/2024 23:17	WG2237030
1,2,3-Trimethylbenzene	33.7	E4	15.8	50.0	400	02/29/2024 23:17	WG2237030
1,3,5-Trimethylbenzene	40.8	E4	20.0	50.0	400	02/29/2024 23:17	WG2237030
Vinyl chloride	U		0.580	1.25	20	02/26/2024 17:52	WG2234138
Xylenes, Total	532		8.80	65.0	400	02/29/2024 23:17	WG2237030
(S) Toluene-d8	*102*			*75.0-131*		*02/26/2024 17:52*	WG2234138
(S) Toluene-d8	*96.5*			*75.0-131*		*02/29/2024 23:17*	WG2237030
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*02/26/2024 17:52*	WG2234138
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/29/2024 23:17*	WG2237030
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*02/26/2024 17:52*	WG2234138
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*02/29/2024 23:17*	WG2237030

Sample Narrative:

L1708614-03 WG2234138: Target and Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		7.30	10.0	8	02/26/2024 18:12	WG2234138
Acrylonitrile	U		0.722	2.50	8	02/26/2024 18:12	WG2234138
Benzene	28.4		2.34	5.00	200	02/29/2024 23:37	WG2237030
Bromobenzene	U		0.180	2.50	8	02/26/2024 18:12	WG2234138
Bromodichloromethane	U		0.145	0.500	8	02/26/2024 18:12	WG2234138
Bromoform	U		0.234	5.00	8	02/26/2024 18:12	WG2234138
Bromomethane	U		0.394	2.50	8	02/26/2024 18:12	WG2234138
1,3-Butadiene	U		1.03	5.00	8	02/26/2024 18:12	WG2234138
n-Butylbenzene	2.63		1.05	2.50	8	02/26/2024 18:12	WG2234138
sec-Butylbenzene	1.53	E4	0.576	2.50	8	02/26/2024 18:12	WG2234138
tert-Butylbenzene	U		0.390	1.00	8	02/26/2024 18:12	WG2234138
Carbon disulfide	U		0.140	2.50	8	02/26/2024 18:12	WG2234138
Carbon tetrachloride	U		0.180	1.00	8	02/26/2024 18:12	WG2234138
Chlorobenzene	U		0.0420	0.500	8	02/26/2024 18:12	WG2234138
Chlorodibromomethane	U		0.122	0.500	8	02/26/2024 18:12	WG2234138
Chloroethane	U		0.340	1.00	8	02/26/2024 18:12	WG2234138
Chloroform	1.44		0.206	0.500	8	02/26/2024 18:12	WG2234138
Chloromethane	1.98	E4	0.870	2.50	8	02/26/2024 18:12	WG2234138
2-Chlorotoluene	U		0.173	0.500	8	02/26/2024 18:12	WG2234138
4-Chlorotoluene	U		0.0900	1.00	8	02/26/2024 18:12	WG2234138
Cyclohexane	55.7		5.55	12.5	200	02/29/2024 23:37	WG2237030
1,2-Dibromo-3-Chloropropane	U		0.780	5.00	8	02/26/2024 18:12	WG2234138
1,2-Dibromoethane	U		0.130	0.500	8	02/26/2024 18:12	WG2234138
Dibromomethane	U		0.150	1.00	8	02/26/2024 18:12	WG2234138
1,2-Dichlorobenzene	U		0.0850	1.00	8	02/26/2024 18:12	WG2234138
1,3-Dichlorobenzene	U		0.120	1.00	8	02/26/2024 18:12	WG2234138
1,4-Dichlorobenzene	U		0.140	1.00	8	02/26/2024 18:12	WG2234138
Dichlorodifluoromethane	U		0.322	0.500	8	02/26/2024 18:12	WG2234138
1,1-Dichloroethane	U		0.0982	0.500	8	02/26/2024 18:12	WG2234138
1,2-Dichloroethane	U		0.130	0.500	8	02/26/2024 18:12	WG2234138
1,1-Dichloroethene	U		0.121	0.500	8	02/26/2024 18:12	WG2234138
cis-1,2-Dichloroethene	U		0.147	0.500	8	02/26/2024 18:12	WG2234138
trans-1,2-Dichloroethene	U		0.208	1.00	8	02/26/2024 18:12	WG2234138
1,2-Dichloropropane	U		0.284	1.00	8	02/26/2024 18:12	WG2234138
1,1-Dichloropropene	U		0.162	0.500	8	02/26/2024 18:12	WG2234138
1,3-Dichloropropane	U		0.100	1.00	8	02/26/2024 18:12	WG2234138
cis-1,3-Dichloropropene	U		0.151	0.500	8	02/26/2024 18:12	WG2234138
trans-1,3-Dichloropropene	U		0.228	1.00	8	02/26/2024 18:12	WG2234138
2,2-Dichloropropane	U		0.276	0.500	8	02/26/2024 18:12	WG2234138
Dicyclopentadiene	U		0.330	2.50	8	02/26/2024 18:12	WG2234138
Di-isopropyl ether	U		0.0820	0.200	8	02/26/2024 18:12	WG2234138
Ethylbenzene	53.6		3.69	12.5	200	02/29/2024 23:37	WG2237030
4-Ethyltoluene	14.0	E4	11.6	25.0	200	02/29/2024 23:37	WG2237030
Hexachloro-1,3-butadiene	U		1.20	5.00	8	02/26/2024 18:12	WG2234138
n-Hexane	68.1		11.3	25.0	200	02/29/2024 23:37	WG2237030
Isopropylbenzene	5.88		0.0850	0.500	8	02/26/2024 18:12	WG2234138
p-Isopropyltoluene	1.06		0.510	1.00	8	02/26/2024 18:12	WG2234138
2-Butanone (MEK)	U	R7	12.7	20.0	8	02/26/2024 18:12	WG2234138
Methylene Chloride	U		1.33	5.00	8	02/26/2024 18:12	WG2234138
4-Methyl-2-pentanone (MIBK)	U		0.456	5.00	8	02/26/2024 18:12	WG2234138
Methyl tert-butyl ether	U		0.0700	0.200	8	02/26/2024 18:12	WG2234138
Methyl Cyclohexane	38.3		10.3	25.0	200	02/29/2024 23:37	WG2237030
Naphthalene	7.23		0.976	2.50	8	02/26/2024 18:12	WG2234138
Propene	U		1.22	10.0	8	02/26/2024 18:12	WG2234138
n-Propylbenzene	13.8		0.190	1.00	8	02/26/2024 18:12	WG2234138
Styrene	U		0.0458	2.50	8	02/26/2024 18:12	WG2234138

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.190	0.500	8	02/26/2024 18:12	WG2234138
1,1,2,2-Tetrachloroethane	U		0.139	0.500	8	02/26/2024 18:12	WG2234138
1,1,2-Trichlorotrifluoroethane	U		0.151	0.500	8	02/26/2024 18:12	WG2234138
Tetrachloroethene	U		0.179	0.500	8	02/26/2024 18:12	WG2234138
Toluene	218		6.50	25.0	200	02/29/2024 23:37	WG2237030
1,2,3-Trichlorobenzene	U		1.47	2.50	8	02/26/2024 18:12	WG2234138
1,2,4-Trichlorobenzene	U		0.880	2.50	8	02/26/2024 18:12	WG2234138
1,1,1-Trichloroethane	U		0.185	0.500	8	02/26/2024 18:12	WG2234138
1,1,2-Trichloroethane	U		0.119	0.500	8	02/26/2024 18:12	WG2234138
Trichloroethene	U		0.117	0.200	8	02/26/2024 18:12	WG2234138
Trichlorofluoromethane	U		0.165	0.500	8	02/26/2024 18:12	WG2234138
1,2,3-Trichloropropane	U		0.324	2.50	8	02/26/2024 18:12	WG2234138
1,2,4-Trimethylbenzene	60.5		7.90	25.0	200	02/29/2024 23:37	WG2237030
1,2,3-Trimethylbenzene	13.9		0.316	1.00	8	02/26/2024 18:12	WG2234138
1,3,5-Trimethylbenzene	15.9		0.400	1.00	8	02/26/2024 18:12	WG2234138
Vinyl chloride	U		0.232	0.500	8	02/26/2024 18:12	WG2234138
Xylenes, Total	220		4.40	32.5	200	02/29/2024 23:37	WG2237030
(S) Toluene-d8	*115*			*75.0-131*		*02/26/2024 18:12*	WG2234138
(S) Toluene-d8	*96.6*			*75.0-131*		*02/29/2024 23:37*	WG2237030
(S) 4-Bromofluorobenzene	*116*			*67.0-138*		*02/26/2024 18:12*	WG2234138
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*02/29/2024 23:37*	WG2237030
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*02/26/2024 18:12*	WG2234138
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*02/29/2024 23:37*	WG2237030

Sample Narrative:

L1708614-04 WG2234138: Target and Non-target compounds too high to run at a lower dilution.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		18.3	25.0	20	02/26/2024 18:32	WG2234138
Acrylonitrile	U		1.81	6.25	20	02/26/2024 18:32	WG2234138
Benzene	125		4.67	10.0	400	02/29/2024 23:57	WG2237030
Bromobenzene	U		0.450	6.25	20	02/26/2024 18:32	WG2234138
Bromodichloromethane	U		0.363	1.25	20	02/26/2024 18:32	WG2234138
Bromoform	U		0.585	12.5	20	02/26/2024 18:32	WG2234138
Bromomethane	U		0.985	6.25	20	02/26/2024 18:32	WG2234138
1,3-Butadiene	U		2.57	12.5	20	02/26/2024 18:32	WG2234138
n-Butylbenzene	4.95	E4	2.63	6.25	20	02/26/2024 18:32	WG2234138
sec-Butylbenzene	4.70	E4	1.44	6.25	20	02/26/2024 18:32	WG2234138
tert-Butylbenzene	U		0.975	2.50	20	02/26/2024 18:32	WG2234138
Carbon disulfide	U		0.350	6.25	20	02/26/2024 18:32	WG2234138
Carbon tetrachloride	U		0.449	2.50	20	02/26/2024 18:32	WG2234138
Chlorobenzene	U		0.105	1.25	20	02/26/2024 18:32	WG2234138
Chlorodibromomethane	U		0.306	1.25	20	02/26/2024 18:32	WG2234138
Chloroethane	U		0.850	2.50	20	02/26/2024 18:32	WG2234138
Chloroform	8.08		0.515	1.25	20	02/26/2024 18:32	WG2234138
Chloromethane	5.07	E4	2.18	6.25	20	02/26/2024 18:32	WG2234138
2-Chlorotoluene	U		0.433	1.25	20	02/26/2024 18:32	WG2234138
4-Chlorotoluene	U		0.225	2.50	20	02/26/2024 18:32	WG2234138
Cyclohexane	308		11.1	25.0	400	02/29/2024 23:57	WG2237030
1,2-Dibromo-3-Chloropropane	U		1.95	12.5	20	02/26/2024 18:32	WG2234138
1,2-Dibromoethane	U		0.324	1.25	20	02/26/2024 18:32	WG2234138
Dibromomethane	U		0.375	2.50	20	02/26/2024 18:32	WG2234138
1,2-Dichlorobenzene	U		0.213	2.50	20	02/26/2024 18:32	WG2234138
1,3-Dichlorobenzene	U		0.300	2.50	20	02/26/2024 18:32	WG2234138
1,4-Dichlorobenzene	U		0.350	2.50	20	02/26/2024 18:32	WG2234138
Dichlorodifluoromethane	U		0.805	1.25	20	02/26/2024 18:32	WG2234138
1,1-Dichloroethane	U		0.246	1.25	20	02/26/2024 18:32	WG2234138
1,2-Dichloroethane	U		0.325	1.25	20	02/26/2024 18:32	WG2234138
1,1-Dichloroethene	U		0.303	1.25	20	02/26/2024 18:32	WG2234138
cis-1,2-Dichloroethene	U		0.367	1.25	20	02/26/2024 18:32	WG2234138
trans-1,2-Dichloroethene	U		0.520	2.50	20	02/26/2024 18:32	WG2234138
1,2-Dichloropropane	U		0.710	2.50	20	02/26/2024 18:32	WG2234138
1,1-Dichloropropene	U		0.405	1.25	20	02/26/2024 18:32	WG2234138
1,3-Dichloropropane	U		0.251	2.50	20	02/26/2024 18:32	WG2234138
cis-1,3-Dichloropropene	U		0.379	1.25	20	02/26/2024 18:32	WG2234138
trans-1,3-Dichloropropene	U		0.570	2.50	20	02/26/2024 18:32	WG2234138
2,2-Dichloropropane	U		0.690	1.25	20	02/26/2024 18:32	WG2234138
Dicyclopentadiene	U		0.825	6.25	20	02/26/2024 18:32	WG2234138
Di-isopropyl ether	U		0.205	0.500	20	02/26/2024 18:32	WG2234138
Ethylbenzene	277		7.37	25.0	400	02/29/2024 23:57	WG2237030
4-Ethyltoluene	44.9	E4	23.2	50.0	400	02/29/2024 23:57	WG2237030
Hexachloro-1,3-butadiene	U		3.00	12.5	20	02/26/2024 18:32	WG2234138
n-Hexane	458		22.6	50.0	400	02/29/2024 23:57	WG2237030
Isopropylbenzene	17.5		0.213	1.25	20	02/26/2024 18:32	WG2234138
p-Isopropyltoluene	2.91		1.28	2.50	20	02/26/2024 18:32	WG2234138
2-Butanone (MEK)	U	R7	31.8	50.0	20	02/26/2024 18:32	WG2234138
Methylene Chloride	U		3.32	12.5	20	02/26/2024 18:32	WG2234138
4-Methyl-2-pentanone (MIBK)	25.6		1.14	12.5	20	02/26/2024 18:32	WG2234138
Methyl tert-butyl ether	U		0.175	0.500	20	02/26/2024 18:32	WG2234138
Methyl Cyclohexane	277		20.6	50.0	400	02/29/2024 23:57	WG2237030
Naphthalene	9.83		2.44	6.25	20	02/26/2024 18:32	WG2234138
Propene	U		3.06	25.0	20	02/26/2024 18:32	WG2234138
n-Propylbenzene	41.1	E4	9.50	50.0	400	02/29/2024 23:57	WG2237030
Styrene	U		0.115	6.25	20	02/26/2024 18:32	WG2234138

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.474	1.25	20	02/26/2024 18:32	WG2234138
1,1,2,2-Tetrachloroethane	U		0.348	1.25	20	02/26/2024 18:32	WG2234138
1,1,2-Trichlorotrifluoroethane	U		0.377	1.25	20	02/26/2024 18:32	WG2234138
Tetrachloroethene	U		0.448	1.25	20	02/26/2024 18:32	WG2234138
Toluene	541		65.0	250	2000	03/02/2024 01:21	WG2237835
1,2,3-Trichlorobenzene	U		3.67	6.25	20	02/26/2024 18:32	WG2234138
1,2,4-Trichlorobenzene	U		2.20	6.25	20	02/26/2024 18:32	WG2234138
1,1,1-Trichloroethane	U		0.461	1.25	20	02/26/2024 18:32	WG2234138
1,1,2-Trichloroethane	U		0.299	1.25	20	02/26/2024 18:32	WG2234138
Trichloroethene	U		0.292	0.500	20	02/26/2024 18:32	WG2234138
Trichlorofluoromethane	U		0.414	1.25	20	02/26/2024 18:32	WG2234138
1,2,3-Trichloropropane	U		0.810	6.25	20	02/26/2024 18:32	WG2234138
1,2,4-Trimethylbenzene	168		15.8	50.0	400	02/29/2024 23:57	WG2237030
1,2,3-Trimethylbenzene	37.2		0.790	2.50	20	02/26/2024 18:32	WG2234138
1,3,5-Trimethylbenzene	40.9	E4	20.0	50.0	400	02/29/2024 23:57	WG2237030
Vinyl chloride	U		0.580	1.25	20	02/26/2024 18:32	WG2234138
Xylenes, Total	1040		8.80	65.0	400	02/29/2024 23:57	WG2237030
(S) Toluene-d8	*87.3*			*75.0-131*		*02/26/2024 18:32*	WG2234138
(S) Toluene-d8	*96.3*			*75.0-131*		*02/29/2024 23:57*	WG2237030
(S) Toluene-d8	*108*			*75.0-131*		*03/02/2024 01:21*	WG2237835
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*		*02/26/2024 18:32*	WG2234138
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*02/29/2024 23:57*	WG2237030
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*03/02/2024 01:21*	WG2237835
(S) 1,2-Dichloroethane-d4	*130*			*70.0-130*		*02/26/2024 18:32*	WG2234138
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*		*02/29/2024 23:57*	WG2237030
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*03/02/2024 01:21*	WG2237835

Sample Narrative:

L1708614-05 WG2234138: Target and Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/26/2024 18:52	WG2234138
Acrylonitrile	U		3.61	12.5	40	02/26/2024 18:52	WG2234138
Benzene	61.9		11.7	25.0	1000	03/01/2024 00:16	WG2237030
Bromobenzene	U		0.900	12.5	40	02/26/2024 18:52	WG2234138
Bromodichloromethane	U		0.725	2.50	40	02/26/2024 18:52	WG2234138
Bromoform	U		1.17	25.0	40	02/26/2024 18:52	WG2234138
Bromomethane	U		1.97	12.5	40	02/26/2024 18:52	WG2234138
1,3-Butadiene	U		5.13	25.0	40	02/26/2024 18:52	WG2234138
n-Butylbenzene	16.6		5.25	12.5	40	02/26/2024 18:52	WG2234138
sec-Butylbenzene	13.2		2.88	12.5	40	02/26/2024 18:52	WG2234138
tert-Butylbenzene	U		1.95	5.00	40	02/26/2024 18:52	WG2234138
Carbon disulfide	U		0.700	12.5	40	02/26/2024 18:52	WG2234138
Carbon tetrachloride	U		0.898	5.00	40	02/26/2024 18:52	WG2234138
Chlorobenzene	U		0.210	2.50	40	02/26/2024 18:52	WG2234138
Chlorodibromomethane	U		0.612	2.50	40	02/26/2024 18:52	WG2234138
Chloroethane	U		1.70	5.00	40	02/26/2024 18:52	WG2234138
Chloroform	12.4		1.03	2.50	40	02/26/2024 18:52	WG2234138
Chloromethane	19.5		4.35	12.5	40	02/26/2024 18:52	WG2234138
2-Chlorotoluene	U		0.865	2.50	40	02/26/2024 18:52	WG2234138
4-Chlorotoluene	U		0.450	5.00	40	02/26/2024 18:52	WG2234138
Cyclohexane	73.2		27.8	62.5	1000	03/01/2024 00:16	WG2237030
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/26/2024 18:52	WG2234138
1,2-Dibromoethane	U		0.648	2.50	40	02/26/2024 18:52	WG2234138
Dibromomethane	U		0.750	5.00	40	02/26/2024 18:52	WG2234138
1,2-Dichlorobenzene	U		0.425	5.00	40	02/26/2024 18:52	WG2234138
1,3-Dichlorobenzene	U		0.600	5.00	40	02/26/2024 18:52	WG2234138
1,4-Dichlorobenzene	U		0.700	5.00	40	02/26/2024 18:52	WG2234138
Dichlorodifluoromethane	U		1.61	2.50	40	02/26/2024 18:52	WG2234138
1,1-Dichloroethane	U		0.491	2.50	40	02/26/2024 18:52	WG2234138
1,2-Dichloroethane	U		0.649	2.50	40	02/26/2024 18:52	WG2234138
1,1-Dichloroethene	U		0.606	2.50	40	02/26/2024 18:52	WG2234138
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/26/2024 18:52	WG2234138
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/26/2024 18:52	WG2234138
1,2-Dichloropropane	U		1.42	5.00	40	02/26/2024 18:52	WG2234138
1,1-Dichloropropene	U		0.809	2.50	40	02/26/2024 18:52	WG2234138
1,3-Dichloropropane	U		0.501	5.00	40	02/26/2024 18:52	WG2234138
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/26/2024 18:52	WG2234138
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/26/2024 18:52	WG2234138
2,2-Dichloropropane	U		1.38	2.50	40	02/26/2024 18:52	WG2234138
Dicyclopentadiene	U		1.65	12.5	40	02/26/2024 18:52	WG2234138
Di-isopropyl ether	U		0.410	1.00	40	02/26/2024 18:52	WG2234138
Ethylbenzene	114		18.4	62.5	1000	03/01/2024 00:16	WG2237030
4-Ethyltoluene	U		58.0	125	1000	03/01/2024 00:16	WG2237030
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/26/2024 18:52	WG2234138
n-Hexane	93.9	E4	56.5	125	1000	03/01/2024 00:16	WG2237030
Isopropylbenzene	39.2		0.425	2.50	40	02/26/2024 18:52	WG2234138
p-Isopropyltoluene	9.31		2.55	5.00	40	02/26/2024 18:52	WG2234138
2-Butanone (MEK)	U	R7	63.5	100	40	02/26/2024 18:52	WG2234138
Methylene Chloride	U		6.64	25.0	40	02/26/2024 18:52	WG2234138
4-Methyl-2-pentanone (MIBK)	17.5	E4	2.28	25.0	40	02/26/2024 18:52	WG2234138
Methyl tert-butyl ether	U		0.350	1.00	40	02/26/2024 18:52	WG2234138
Methyl Cyclohexane	U		51.5	125	1000	03/01/2024 00:16	WG2237030
Naphthalene	60.8		4.88	12.5	40	02/26/2024 18:52	WG2234138
Propene	U		6.12	50.0	40	02/26/2024 18:52	WG2234138
n-Propylbenzene	24.2	E4	23.8	125	1000	03/01/2024 00:16	WG2237030
Styrene	U		0.229	12.5	40	02/26/2024 18:52	WG2234138

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/26/2024 18:52	WG2234138
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/26/2024 18:52	WG2234138
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/26/2024 18:52	WG2234138
Tetrachloroethene	U		0.896	2.50	40	02/26/2024 18:52	WG2234138
Toluene	476		32.5	125	1000	03/01/2024 00:16	WG2237030
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/26/2024 18:52	WG2234138
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/26/2024 18:52	WG2234138
1,1,1-Trichloroethane	U		0.923	2.50	40	02/26/2024 18:52	WG2234138
1,1,2-Trichloroethane	U		0.597	2.50	40	02/26/2024 18:52	WG2234138
Trichloroethene	U		0.584	1.00	40	02/26/2024 18:52	WG2234138
Trichlorofluoromethane	U		0.827	2.50	40	02/26/2024 18:52	WG2234138
1,2,3-Trichloropropane	U		1.62	12.5	40	02/26/2024 18:52	WG2234138
1,2,4-Trimethylbenzene	136		39.5	125	1000	03/01/2024 00:16	WG2237030
1,2,3-Trimethylbenzene	U		39.5	125	1000	03/01/2024 00:16	WG2237030
1,3,5-Trimethylbenzene	U		50.0	125	1000	03/01/2024 00:16	WG2237030
Vinyl chloride	U		1.16	2.50	40	02/26/2024 18:52	WG2234138
Xylenes, Total	479		22.0	163	1000	03/01/2024 00:16	WG2237030
(S) Toluene-d8	*102*			*75.0-131*		*02/26/2024 18:52*	WG2234138
(S) Toluene-d8	*99.2*			*75.0-131*		*03/01/2024 00:16*	WG2237030
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/26/2024 18:52*	WG2234138
(S) 4-Bromofluorobenzene	*114*			*67.0-138*		*03/01/2024 00:16*	WG2237030
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*		*02/26/2024 18:52*	WG2234138
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*03/01/2024 00:16*	WG2237030

Sample Narrative:

L1708614-06 WG2234138: Target and Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	02/26/2024 19:12	WG2234138
Acrylonitrile	U		3.61	12.5	40	02/26/2024 19:12	WG2234138
Benzene	80.5		0.467	1.00	40	02/26/2024 19:12	WG2234138
Bromobenzene	U		0.900	12.5	40	02/26/2024 19:12	WG2234138
Bromodichloromethane	U		0.725	2.50	40	02/26/2024 19:12	WG2234138
Bromoform	U		1.17	25.0	40	02/26/2024 19:12	WG2234138
Bromomethane	U		1.97	12.5	40	02/26/2024 19:12	WG2234138
1,3-Butadiene	U		5.13	25.0	40	02/26/2024 19:12	WG2234138
n-Butylbenzene	8.53	E4	5.25	12.5	40	02/26/2024 19:12	WG2234138
sec-Butylbenzene	7.46	E4	2.88	12.5	40	02/26/2024 19:12	WG2234138
tert-Butylbenzene	U		1.95	5.00	40	02/26/2024 19:12	WG2234138
Carbon disulfide	U		0.700	12.5	40	02/26/2024 19:12	WG2234138
Carbon tetrachloride	U		0.898	5.00	40	02/26/2024 19:12	WG2234138
Chlorobenzene	U		0.210	2.50	40	02/26/2024 19:12	WG2234138
Chlorodibromomethane	U		0.612	2.50	40	02/26/2024 19:12	WG2234138
Chloroethane	U		1.70	5.00	40	02/26/2024 19:12	WG2234138
Chloroform	7.15		1.03	2.50	40	02/26/2024 19:12	WG2234138
Chloromethane	14.4		4.35	12.5	40	02/26/2024 19:12	WG2234138
2-Chlorotoluene	U		0.865	2.50	40	02/26/2024 19:12	WG2234138
4-Chlorotoluene	U		0.450	5.00	40	02/26/2024 19:12	WG2234138
Cyclohexane	193		27.8	62.5	1000	03/01/2024 00:36	WG2237030
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	02/26/2024 19:12	WG2234138
1,2-Dibromoethane	U		0.648	2.50	40	02/26/2024 19:12	WG2234138
Dibromomethane	U		0.750	5.00	40	02/26/2024 19:12	WG2234138
1,2-Dichlorobenzene	U		0.425	5.00	40	02/26/2024 19:12	WG2234138
1,3-Dichlorobenzene	U		0.600	5.00	40	02/26/2024 19:12	WG2234138
1,4-Dichlorobenzene	U		0.700	5.00	40	02/26/2024 19:12	WG2234138
Dichlorodifluoromethane	U		1.61	2.50	40	02/26/2024 19:12	WG2234138
1,1-Dichloroethane	U		0.491	2.50	40	02/26/2024 19:12	WG2234138
1,2-Dichloroethane	U		0.649	2.50	40	02/26/2024 19:12	WG2234138
1,1-Dichloroethene	U		0.606	2.50	40	02/26/2024 19:12	WG2234138
cis-1,2-Dichloroethene	U		0.734	2.50	40	02/26/2024 19:12	WG2234138
trans-1,2-Dichloroethene	U		1.04	5.00	40	02/26/2024 19:12	WG2234138
1,2-Dichloropropane	U		1.42	5.00	40	02/26/2024 19:12	WG2234138
1,1-Dichloropropene	U		0.809	2.50	40	02/26/2024 19:12	WG2234138
1,3-Dichloropropane	U		0.501	5.00	40	02/26/2024 19:12	WG2234138
cis-1,3-Dichloropropene	U		0.757	2.50	40	02/26/2024 19:12	WG2234138
trans-1,3-Dichloropropene	U		1.14	5.00	40	02/26/2024 19:12	WG2234138
2,2-Dichloropropane	U		1.38	2.50	40	02/26/2024 19:12	WG2234138
Dicyclopentadiene	U		1.65	12.5	40	02/26/2024 19:12	WG2234138
Di-isopropyl ether	U		0.410	1.00	40	02/26/2024 19:12	WG2234138
Ethylbenzene	225		18.4	62.5	1000	03/01/2024 00:36	WG2237030
4-Ethyltoluene	64.9	E4	58.0	125	1000	03/01/2024 00:36	WG2237030
Hexachloro-1,3-butadiene	U		6.00	25.0	40	02/26/2024 19:12	WG2234138
n-Hexane	179		56.5	125	1000	03/01/2024 00:36	WG2237030
Isopropylbenzene	26.0		0.425	2.50	40	02/26/2024 19:12	WG2234138
p-Isopropyltoluene	3.78	E4	2.55	5.00	40	02/26/2024 19:12	WG2234138
2-Butanone (MEK)	U	R7	63.5	100	40	02/26/2024 19:12	WG2234138
Methylene Chloride	U		6.64	25.0	40	02/26/2024 19:12	WG2234138
4-Methyl-2-pentanone (MIBK)	20.6	E4	2.28	25.0	40	02/26/2024 19:12	WG2234138
Methyl tert-butyl ether	U		0.350	1.00	40	02/26/2024 19:12	WG2234138
Methyl Cyclohexane	113	E4	51.5	125	1000	03/01/2024 00:36	WG2237030
Naphthalene	31.4		4.88	12.5	40	02/26/2024 19:12	WG2234138
Propene	U		6.12	50.0	40	02/26/2024 19:12	WG2234138
n-Propylbenzene	67.9		0.950	5.00	40	02/26/2024 19:12	WG2234138
Styrene	U		0.229	12.5	40	02/26/2024 19:12	WG2234138

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	02/26/2024 19:12	WG2234138
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	02/26/2024 19:12	WG2234138
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	02/26/2024 19:12	WG2234138
Tetrachloroethene	U		0.896	2.50	40	02/26/2024 19:12	WG2234138
Toluene	897		32.5	125	1000	03/01/2024 00:36	WG2237030
1,2,3-Trichlorobenzene	U		7.33	12.5	40	02/26/2024 19:12	WG2234138
1,2,4-Trichlorobenzene	U		4.40	12.5	40	02/26/2024 19:12	WG2234138
1,1,1-Trichloroethane	U		0.923	2.50	40	02/26/2024 19:12	WG2234138
1,1,2-Trichloroethane	U		0.597	2.50	40	02/26/2024 19:12	WG2234138
Trichloroethene	U		0.584	1.00	40	02/26/2024 19:12	WG2234138
Trichlorofluoromethane	U		0.827	2.50	40	02/26/2024 19:12	WG2234138
1,2,3-Trichloropropane	U		1.62	12.5	40	02/26/2024 19:12	WG2234138
1,2,4-Trimethylbenzene	244		39.5	125	1000	03/01/2024 00:36	WG2237030
1,2,3-Trimethylbenzene	68.4		1.58	5.00	40	02/26/2024 19:12	WG2234138
1,3,5-Trimethylbenzene	75.6		2.00	5.00	40	02/26/2024 19:12	WG2234138
Vinyl chloride	U		1.16	2.50	40	02/26/2024 19:12	WG2234138
Xylenes, Total	903		22.0	163	1000	03/01/2024 00:36	WG2237030
(S) Toluene-d8	*118*			*75.0-131*		*02/26/2024 19:12*	WG2234138
(S) Toluene-d8	*98.6*			*75.0-131*		*03/01/2024 00:36*	WG2237030
(S) 4-Bromofluorobenzene	*112*			*67.0-138*		*02/26/2024 19:12*	WG2234138
(S) 4-Bromofluorobenzene	*112*			*67.0-138*		*03/01/2024 00:36*	WG2237030
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/26/2024 19:12*	WG2234138
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*03/01/2024 00:36*	WG2237030

Sample Narrative:

L1708614-07 WG2234138: Target and Non-target compounds too high to run at a lower dilution.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	02/25/2024 16:27	WG2233783
Acrolein	U		2.54	50.0	1	02/25/2024 16:27	WG2233783
Acrylonitrile	U		0.671	10.0	1	02/25/2024 16:27	WG2233783
Benzene	U		0.0941	1.00	1	02/25/2024 16:27	WG2233783
Bromobenzene	U		0.118	1.00	1	02/25/2024 16:27	WG2233783
Bromodichloromethane	U		0.136	1.00	1	02/25/2024 16:27	WG2233783
Bromoform	U		0.129	1.00	1	02/25/2024 16:27	WG2233783
Bromomethane	U		0.605	5.00	1	02/25/2024 16:27	WG2233783
1,3-Butadiene	U		0.299	2.00	1	02/25/2024 16:27	WG2233783
n-Butylbenzene	U		0.157	1.00	1	02/25/2024 16:27	WG2233783
sec-Butylbenzene	U		0.125	1.00	1	02/25/2024 16:27	WG2233783
tert-Butylbenzene	U		0.127	1.00	1	02/25/2024 16:27	WG2233783
Carbon tetrachloride	U		0.128	1.00	1	02/25/2024 16:27	WG2233783
Carbon disulfide	U		0.0962	1.00	1	02/25/2024 16:27	WG2233783
Chlorobenzene	U		0.116	1.00	1	02/25/2024 16:27	WG2233783
Chlorodibromomethane	U	L2	0.140	1.00	1	02/25/2024 16:27	WG2233783
Chloroethane	U		0.192	5.00	1	02/25/2024 16:27	WG2233783
Chloroform	U		0.111	5.00	1	02/25/2024 16:27	WG2233783
Chloromethane	U		0.960	2.50	1	02/25/2024 16:27	WG2233783
Cyclohexane	U		0.188	1.00	1	02/25/2024 16:27	WG2233783
2-Chlorotoluene	U		0.106	1.00	1	02/25/2024 16:27	WG2233783
4-Chlorotoluene	U		0.114	1.00	1	02/25/2024 16:27	WG2233783
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	02/25/2024 16:27	WG2233783
1,2-Dibromoethane	U		0.126	1.00	1	02/25/2024 16:27	WG2233783
Dibromomethane	U		0.122	1.00	1	02/25/2024 16:27	WG2233783
1,2-Dichlorobenzene	U		0.107	1.00	1	02/25/2024 16:27	WG2233783
1,3-Dichlorobenzene	U	L2	0.110	1.00	1	02/25/2024 16:27	WG2233783
1,4-Dichlorobenzene	U		0.120	1.00	1	02/25/2024 16:27	WG2233783
Dichlorodifluoromethane	U		0.374	5.00	1	02/25/2024 16:27	WG2233783
1,1-Dichloroethane	U		0.100	1.00	1	02/25/2024 16:27	WG2233783
1,2-Dichloroethane	U		0.0819	1.00	1	02/25/2024 16:27	WG2233783
1,1-Dichloroethene	U		0.188	1.00	1	02/25/2024 16:27	WG2233783
cis-1,2-Dichloroethene	U		0.126	1.00	1	02/25/2024 16:27	WG2233783
trans-1,2-Dichloroethene	U		0.149	1.00	1	02/25/2024 16:27	WG2233783
1,2-Dichloropropane	U		0.149	1.00	1	02/25/2024 16:27	WG2233783
1,1-Dichloropropene	U		0.142	1.00	1	02/25/2024 16:27	WG2233783
1,3-Dichloropropane	U		0.110	1.00	1	02/25/2024 16:27	WG2233783
cis-1,3-Dichloropropene	U		0.111	1.00	1	02/25/2024 16:27	WG2233783
trans-1,3-Dichloropropene	U		0.118	1.00	1	02/25/2024 16:27	WG2233783
2,2-Dichloropropane	U		0.161	1.00	1	02/25/2024 16:27	WG2233783
Dicyclopentadiene	U		0.253	1.00	1	02/25/2024 16:27	WG2233783
Di-isopropyl ether	U		0.105	1.00	1	02/25/2024 16:27	WG2233783
Ethylbenzene	U		0.137	1.00	1	02/25/2024 16:27	WG2233783
4-Ethyltoluene	U		0.208	1.00	1	02/25/2024 16:27	WG2233783
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/25/2024 16:27	WG2233783
n-Hexane	U		0.749	10.0	1	02/25/2024 16:27	WG2233783
Isopropylbenzene	U		0.105	1.00	1	02/25/2024 16:27	WG2233783
p-Isopropyltoluene	U		0.120	1.00	1	02/25/2024 16:27	WG2233783
2-Butanone (MEK)	U		1.19	10.0	1	02/25/2024 16:27	WG2233783
Methyl Cyclohexane	U		0.660	1.00	1	02/25/2024 16:27	WG2233783
Methylene Chloride	U		0.430	5.00	1	02/25/2024 16:27	WG2233783
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	02/25/2024 16:27	WG2233783
Methyl tert-butyl ether	U		0.101	1.00	1	02/25/2024 16:27	WG2233783
Naphthalene	U		1.00	5.00	1	02/25/2024 16:27	WG2233783
Propene	U		0.936	2.50	1	02/25/2024 16:27	WG2233783
n-Propylbenzene	U		0.0993	1.00	1	02/25/2024 16:27	WG2233783

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U	L2	0.118	1.00	1	02/25/2024 16:27	WG2233783
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	02/25/2024 16:27	WG2233783
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	02/25/2024 16:27	WG2233783
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	02/25/2024 16:27	WG2233783
Tetrachloroethene	U		0.300	1.00	1	02/25/2024 16:27	WG2233783
Toluene	U		0.278	1.00	1	02/25/2024 16:27	WG2233783
1,2,3-Trichlorobenzene	U		0.230	1.00	1	02/25/2024 16:27	WG2233783
1,2,4-Trichlorobenzene	U		0.481	1.00	1	02/25/2024 16:27	WG2233783
1,1,1-Trichloroethane	U		0.149	1.00	1	02/25/2024 16:27	WG2233783
1,1,2-Trichloroethane	U		0.158	1.00	1	02/25/2024 16:27	WG2233783
Trichloroethene	U		0.190	1.00	1	02/25/2024 16:27	WG2233783
Trichlorofluoromethane	U	R7	0.160	5.00	1	02/25/2024 16:27	WG2233783
1,2,3-Trichloropropane	U		0.237	2.50	1	02/25/2024 16:27	WG2233783
1,2,4-Trimethylbenzene	U		0.322	1.00	1	02/25/2024 16:27	WG2233783
1,2,3-Trimethylbenzene	U		0.104	1.00	1	02/25/2024 16:27	WG2233783
1,3,5-Trimethylbenzene	U		0.104	1.00	1	02/25/2024 16:27	WG2233783
Vinyl chloride	U		0.234	1.00	1	02/25/2024 16:27	WG2233783
Xylenes, Total	U		0.174	3.00	1	02/25/2024 16:27	WG2233783
(S) Toluene-d8	*107*			*80.0-120*		*02/25/2024 16:27*	WG2233783
(S) 4-Bromofluorobenzene	*99.5*			*77.0-126*		*02/25/2024 16:27*	WG2233783
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*02/25/2024 16:27*	WG2233783

Method Blank (MB)

(MB) R4038564-2 02/25/24 13:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4038564-2 02/25/24 13:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4038564-1 02/25/24 11:42 • (LCSD) R4038564-3 02/25/24 14:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	20.2	18.3	80.8	73.2	19.0-160			9.87	27
Acrolein	25.0	13.5	13.9	54.0	55.6	30.0-160			2.92	26
Acrylonitrile	25.0	23.1	20.6	92.4	82.4	55.0-149			11.4	20
Benzene	5.00	5.02	4.53	100	90.6	70.0-123			10.3	20
Bromobenzene	5.00	4.76	4.43	95.2	88.6	73.0-121			7.18	20
Bromodichloromethane	5.00	4.67	4.27	93.4	85.4	75.0-120			8.95	20
Bromoform	5.00	3.69	3.51	73.8	70.2	68.0-132			5.00	20
Bromomethane	5.00	3.06	3.45	61.2	69.0	30.0-160			12.0	25
1,3-Butadiene	5.00	5.96	5.45	119	109	45.0-147			8.94	20
n-Butylbenzene	5.00	3.82	3.84	76.4	76.8	73.0-125			0.522	20
sec-Butylbenzene	5.00	4.41	4.12	88.2	82.4	75.0-125			6.80	20
tert-Butylbenzene	5.00	4.62	4.28	92.4	85.6	76.0-124			7.64	20
Carbon tetrachloride	5.00	4.97	4.24	99.4	84.8	68.0-126			15.9	20
Carbon disulfide	5.00	4.35	4.12	87.0	82.4	61.0-128			5.43	20
Chlorobenzene	5.00	4.49	4.22	89.8	84.4	80.0-121			6.20	20
Chlorodibromomethane	5.00	4.06	3.69	81.2	73.8	77.0-125		L2	9.55	20
Chloroethane	5.00	4.54	4.29	90.8	85.8	47.0-150			5.66	20
Chloroform	5.00	4.68	4.16	93.6	83.2	73.0-120			11.8	20
Chloromethane	5.00	5.58	5.46	112	109	41.0-142			2.17	20
Cyclohexane	5.00	4.75	4.09	95.0	81.8	71.0-124			14.9	20
2-Chlorotoluene	5.00	4.88	4.42	97.6	88.4	76.0-123			9.89	20
4-Chlorotoluene	5.00	4.54	4.10	90.8	82.0	75.0-122			10.2	20
1,2-Dibromo-3-Chloropropane	5.00	4.07	3.67	81.4	73.4	58.0-134			10.3	20
1,2-Dibromoethane	5.00	4.44	4.11	88.8	82.2	80.0-122			7.72	20
Dibromomethane	5.00	4.57	4.27	91.4	85.4	80.0-120			6.79	20
1,2-Dichlorobenzene	5.00	4.37	3.96	87.4	79.2	79.0-121			9.84	20
1,3-Dichlorobenzene	5.00	4.25	3.80	85.0	76.0	79.0-120		L2	11.2	20
1,4-Dichlorobenzene	5.00	4.31	4.00	86.2	80.0	79.0-120			7.46	20
Dichlorodifluoromethane	5.00	4.42	4.16	88.4	83.2	51.0-149			6.06	20
1,1-Dichloroethane	5.00	5.23	4.80	105	96.0	70.0-126			8.57	20
1,2-Dichloroethane	5.00	5.04	4.42	101	88.4	70.0-128			13.1	20
1,1-Dichloroethene	5.00	4.94	4.45	98.8	89.0	71.0-124			10.4	20
cis-1,2-Dichloroethene	5.00	4.83	4.55	96.6	91.0	73.0-120			5.97	20
trans-1,2-Dichloroethene	5.00	4.85	4.48	97.0	89.6	73.0-120			7.93	20
1,2-Dichloropropane	5.00	5.48	4.94	110	98.8	77.0-125			10.4	20
1,1-Dichloropropene	5.00	5.25	4.68	105	93.6	74.0-126			11.5	20
1,3-Dichloropropane	5.00	4.75	4.47	95.0	89.4	80.0-120			6.07	20
cis-1,3-Dichloropropene	5.00	4.73	4.29	94.6	85.8	80.0-123			9.76	20
trans-1,3-Dichloropropene	5.00	3.95	4.02	79.0	80.4	78.0-124			1.76	20
2,2-Dichloropropane	5.00	5.11	4.82	102	96.4	58.0-130			5.84	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4038564-1 02/25/24 11:42 • (LCSD) R4038564-3 02/25/24 14:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	4.55	4.22	91.0	84.4	74.0-126			7.53	20
Di-isopropyl ether	5.00	6.18	5.74	124	115	58.0-138			7.38	20
Ethylbenzene	5.00	4.45	4.01	89.0	80.2	79.0-123			10.4	20
4-Ethyltoluene	5.00	4.47	4.24	89.4	84.8	74.0-127			5.28	20
Hexachloro-1,3-butadiene	5.00	4.39	4.02	87.8	80.4	54.0-138			8.80	20
n-Hexane	5.00	5.19	4.63	104	92.6	57.0-133			11.4	20
Isopropylbenzene	5.00	4.43	4.00	88.6	80.0	76.0-127			10.2	20
p-Isopropyltoluene	5.00	4.70	4.31	94.0	86.2	76.0-125			8.66	20
2-Butanone (MEK)	25.0	24.0	22.0	96.0	88.0	44.0-160			8.70	20
Methyl Cyclohexane	5.00	4.68	4.14	93.6	82.8	68.0-126			12.2	20
Methylene Chloride	5.00	4.74	4.35	94.8	87.0	67.0-120			8.58	20
4-Methyl-2-pentanone (MIBK)	25.0	24.6	22.1	98.4	88.4	68.0-142			10.7	20
Methyl tert-butyl ether	5.00	5.30	4.98	106	99.6	68.0-125			6.23	20
Naphthalene	5.00	4.09	3.73	81.8	74.6	54.0-135			9.21	20
Propene	5.00	4.13	3.83	82.6	76.6	30.0-160			7.54	20
n-Propylbenzene	5.00	4.57	4.26	91.4	85.2	77.0-124			7.02	20
Styrene	5.00	3.58	3.46	71.6	69.2	73.0-130	L2	L2	3.41	20
1,1,1,2-Tetrachloroethane	5.00	4.64	4.22	92.8	84.4	75.0-125			9.48	20
1,1,2,2-Tetrachloroethane	5.00	4.63	4.31	92.6	86.2	65.0-130			7.16	20
1,1,2-Trichlorotrifluoroethane	5.00	4.73	4.13	94.6	82.6	69.0-132			13.5	20
Tetrachloroethene	5.00	4.53	3.89	90.6	77.8	72.0-132			15.2	20
Toluene	5.00	4.48	4.20	89.6	84.0	79.0-120			6.45	20
1,2,3-Trichlorobenzene	5.00	3.95	3.64	79.0	72.8	50.0-138			8.17	20
1,2,4-Trichlorobenzene	5.00	4.09	3.41	81.8	68.2	57.0-137			18.1	20
1,1,1-Trichloroethane	5.00	4.84	4.40	96.8	88.0	73.0-124			9.52	20
1,1,2-Trichloroethane	5.00	4.57	4.25	91.4	85.0	80.0-120			7.26	20
Trichloroethene	5.00	4.81	4.56	96.2	91.2	78.0-124			5.34	20
Trichlorofluoromethane	5.00	4.51	3.68	90.2	73.6	59.0-147		R7	20.3	20
1,2,3-Trichloropropane	5.00	4.77	4.31	95.4	86.2	73.0-130			10.1	20
1,2,4-Trimethylbenzene	5.00	4.80	4.48	96.0	89.6	76.0-121			6.90	20
1,2,3-Trimethylbenzene	5.00	4.77	4.49	95.4	89.8	77.0-120			6.05	20
1,3,5-Trimethylbenzene	5.00	4.77	4.34	95.4	86.8	76.0-122			9.44	20
Vinyl chloride	5.00	5.03	4.77	101	95.4	67.0-131			5.31	20
Xylenes, Total	15.0	13.3	12.3	88.7	82.0	79.0-123			7.81	20
(S) Toluene-d8				*101*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.4*	*98.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R4039887-3 02/26/24 12:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313
Di-isopropyl ether	U		0.0103	0.0250

Method Blank (MB)

(MB) R4039887-3 02/26/24 12:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Hexachloro-1,3-butadiene	U		0.150	0.625
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
(S) Toluene-d8	*109*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*86.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039887-1 02/26/24 10:30 • (LCSD) R4039887-2 02/26/24 10:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.451	0.540	72.2	86.4	30.0-160			18.0	31
Acrylonitrile	0.625	0.624	0.655	99.8	105	45.0-153			4.85	22
Benzene	0.125	0.145	0.140	116	112	70.0-123			3.51	20
Bromobenzene	0.125	0.139	0.146	111	117	73.0-121			4.91	20
Bromodichloromethane	0.125	0.138	0.133	110	106	73.0-121			3.69	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039887-1 02/26/24 10:30 • (LCSD) R4039887-2 02/26/24 10:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.110	0.111	88.0	88.8	64.0-132			0.905	20
Bromomethane	0.125	0.133	0.130	106	104	56.0-147			2.28	20
1,3-Butadiene	0.125	0.117	0.118	93.6	94.4	32.0-150			0.851	20
n-Butylbenzene	0.125	0.122	0.126	97.6	101	68.0-135			3.23	20
sec-Butylbenzene	0.125	0.135	0.139	108	111	74.0-130			2.92	20
tert-Butylbenzene	0.125	0.150	0.152	120	122	75.0-127			1.32	20
Carbon disulfide	0.125	0.120	0.112	96.0	89.6	56.0-133			6.90	20
Carbon tetrachloride	0.125	0.128	0.131	102	105	66.0-128			2.32	20
Chlorobenzene	0.125	0.149	0.143	119	114	76.0-128			4.11	20
Chlorodibromomethane	0.125	0.114	0.118	91.2	94.4	74.0-127			3.45	20
Chloroethane	0.125	0.122	0.119	97.6	95.2	61.0-134			2.49	20
Chloroform	0.125	0.131	0.121	105	96.8	72.0-123			7.94	20
Chloromethane	0.125	0.119	0.116	95.2	92.8	51.0-138			2.55	20
2-Chlorotoluene	0.125	0.142	0.119	114	95.2	75.0-124			17.6	20
4-Chlorotoluene	0.125	0.126	0.134	101	107	75.0-124			6.15	20
1,2-Dibromo-3-Chloropropane	0.125	0.112	0.105	89.6	84.0	59.0-130			6.45	20
1,2-Dibromoethane	0.125	0.136	0.118	109	94.4	74.0-128			14.2	20
Dibromomethane	0.125	0.129	0.134	103	107	75.0-122			3.80	20
1,2-Dichlorobenzene	0.125	0.137	0.149	110	119	76.0-124			8.39	20
1,3-Dichlorobenzene	0.125	0.134	0.143	107	114	76.0-125			6.50	20
1,4-Dichlorobenzene	0.125	0.138	0.137	110	110	77.0-121			0.727	20
Dichlorodifluoromethane	0.125	0.139	0.128	111	102	43.0-156			8.24	20
1,1-Dichloroethane	0.125	0.127	0.128	102	102	70.0-127			0.784	20
1,2-Dichloroethane	0.125	0.122	0.126	97.6	101	65.0-131			3.23	20
1,1-Dichloroethene	0.125	0.123	0.124	98.4	99.2	65.0-131			0.810	20
cis-1,2-Dichloroethene	0.125	0.142	0.127	114	102	73.0-125			11.2	20
trans-1,2-Dichloroethene	0.125	0.130	0.126	104	101	71.0-125			3.12	20
1,2-Dichloropropane	0.125	0.126	0.121	101	96.8	74.0-125			4.05	20
1,1-Dichloropropene	0.125	0.126	0.118	101	94.4	73.0-125			6.56	20
1,3-Dichloropropane	0.125	0.138	0.136	110	109	80.0-125			1.46	20
cis-1,3-Dichloropropene	0.125	0.130	0.124	104	99.2	76.0-127			4.72	20
trans-1,3-Dichloropropene	0.125	0.114	0.123	91.2	98.4	73.0-127			7.59	20
2,2-Dichloropropane	0.125	0.148	0.141	118	113	59.0-135			4.84	20
Dicyclopentadiene	0.125	0.139	0.145	111	116	71.0-132			4.23	20
Di-isopropyl ether	0.125	0.134	0.130	107	104	60.0-136			3.03	20
Hexachloro-1,3-butadiene	0.125	0.145	0.149	116	119	57.0-150			2.72	20
Isopropylbenzene	0.125	0.146	0.140	117	112	72.0-127			4.20	20
p-Isopropyltoluene	0.125	0.153	0.154	122	123	72.0-133			0.651	20
2-Butanone (MEK)	0.625	0.698	0.530	112	84.8	30.0-160		R7	27.4	24
Methylene Chloride	0.125	0.136	0.121	109	96.8	68.0-123			11.7	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039887-1 02/26/24 10:30 • (LCSD) R4039887-2 02/26/24 10:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	0.625	0.706	0.674	113	108	56.0-143			4.64	20
Methyl tert-butyl ether	0.125	0.142	0.144	114	115	66.0-132			1.40	20
Naphthalene	0.125	0.153	0.157	122	126	59.0-130			2.58	20
Propene	0.125	0.113	0.0981	90.4	78.5	30.0-160			14.1	20
n-Propylbenzene	0.125	0.138	0.157	110	126	74.0-126			12.9	20
Styrene	0.125	0.128	0.128	102	102	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	0.125	0.129	0.119	103	95.2	74.0-129			8.06	20
1,1,2,2-Tetrachloroethane	0.125	0.133	0.145	106	116	68.0-128			8.63	20
1,1,2-Trichlorotrifluoroethane	0.125	0.125	0.119	100	95.2	61.0-139			4.92	20
Tetrachloroethene	0.125	0.139	0.129	111	103	70.0-136			7.46	20
1,2,3-Trichlorobenzene	0.125	0.136	0.135	109	108	59.0-139			0.738	20
1,2,4-Trichlorobenzene	0.125	0.163	0.168	130	134	62.0-137			3.02	20
1,1,1-Trichloroethane	0.125	0.141	0.141	113	113	69.0-126			0.000	20
1,1,2-Trichloroethane	0.125	0.128	0.128	102	102	78.0-123			0.000	20
Trichloroethene	0.125	0.129	0.119	103	95.2	76.0-126			8.06	20
Trichlorofluoromethane	0.125	0.119	0.114	95.2	91.2	61.0-142			4.29	20
1,2,3-Trichloropropane	0.125	0.118	0.134	94.4	107	67.0-129			12.7	20
1,2,3-Trimethylbenzene	0.125	0.137	0.138	110	110	74.0-124			0.727	20
1,3,5-Trimethylbenzene	0.125	0.137	0.134	110	107	73.0-127			2.21	20
Vinyl chloride	0.125	0.121	0.124	96.8	99.2	63.0-134			2.45	20
(S) Toluene-d8				*100*	*97.7*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*99.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*93.4*	*88.2*	*70.0-130*				

Method Blank (MB)

(MB) R4040427-3 02/29/24 15:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.0117	0.0250
Cyclohexane	U		0.0278	0.0625
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
n-Hexane	U		0.0565	0.125
Methyl Cyclohexane	U		0.0515	0.125
n-Propylbenzene	U		0.0238	0.125
Toluene	U		0.0325	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*95.5*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040427-1 02/29/24 13:26 • (LCSD) R4040427-2 02/29/24 13:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.124	0.120	99.2	96.0	70.0-123			3.28	20
Cyclohexane	0.125	0.107	0.116	85.6	92.8	70.0-130			8.07	20
Ethylbenzene	0.125	0.112	0.124	89.6	99.2	74.0-126			10.2	20
4-Ethyltoluene	0.125	0.0991	0.106	79.3	84.8	71.0-129			6.73	20
n-Hexane	0.125	0.108	0.107	86.4	85.6	55.0-137			0.930	20
Methyl Cyclohexane	0.125	0.0927	0.110	74.2	88.0	67.0-129			17.1	20
n-Propylbenzene	0.125	0.0960	0.101	76.8	80.8	74.0-126			5.08	20
Toluene	0.125	0.110	0.116	88.0	92.8	75.0-121			5.31	20
1,2,4-Trimethylbenzene	0.125	0.0991	0.104	79.3	83.2	70.0-126			4.83	20
1,2,3-Trimethylbenzene	0.125	0.0958	0.103	76.6	82.4	74.0-124			7.24	20
1,3,5-Trimethylbenzene	0.125	0.0966	0.103	77.3	82.4	73.0-127			6.41	20
Xylenes, Total	0.375	0.337	0.363	89.9	96.8	72.0-127			7.43	20
(S) Toluene-d8				*92.9*	*95.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*110*	*110*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*114*	*112*	*70.0-130*				

Method Blank (MB)

(MB) R4040684-3 03/01/24 18:12

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Toluene	U		0.0325	0.125
(S) Toluene-d8	*113*			*75.0-131*
(S) 4-Bromofluorobenzene	*92.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040684-1 03/01/24 16:31 • (LCSD) R4040684-2 03/01/24 16:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	0.125	0.134	0.138	107	110	75.0-121			2.94	20
(S) Toluene-d8				*107*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.5*	*92.9*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*95.1*	*95.1*	*70.0-130*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS37 • File ID: 0226_02

02/26/24 10:30

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0226_02	786699.20	372281.10	398273
Upper Limit		1573398	744562	796546
Lower Limit		393350	186141	199137
LCS R4039887-1 WG2234138 1x	0226_02LCS	786699.20	372281.10	398273
LCSD R4039887-2 WG2234138 1x	0226_03	780341.20	372788.90	370898.60
BLANK R4039887-3 WG2234138 1x	0226_07	845386.90	370033.70	369397.70
L1708614-02 WG2234138 1x	0226_09	1128542	432645.20	441172.20
L1708614-01 WG2234138 40x	0226_23	1139070	476766.80	465577.20
L1708614-03 WG2234138 20x	0226_24	1222341	488461.90	456778.10
L1708614-04 WG2234138 8x	0226_25	1152744	432582.70	483581.90
L1708614-05 WG2234138 20x	0226_26	1567853	611072.60	492566
L1708614-06 WG2234138 40x	0226_27	1210096	529576.10	482952.40
L1708614-07 WG2234138 40x	0226_28	1215461	449522.10	455694.40

Instrument: VOCMS37 • File ID: 0301_30

03/01/24 16:31

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0301_30	633657.20	275231.80	252021.40
Upper Limit		1267314	550464	504043
Lower Limit		316829	137616	126011
LCS R4040684-1 WG2237835 1x	0301_30LCSF	633657.20	275231.80	252021.40
LCSD R4040684-2 WG2237835 1x	0301_31F	609511.60	271508.80	249774.50
BLANK R4040684-3 WG2237835 1x	0301_35F	659177.50	261476.50	226679.20
L1708614-05 WG2237835 2000x	0301_55	535270.80	232293.90	225100.50

INTERNAL STANDARD SUMMARY

Instrument: VOCMS42 • File ID: 0229_31

02/29/24 13:26

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0229_31	311565.70	172268.80	175647.10
Upper Limit		623131	344538	351294
Lower Limit		155783	86134	87824
LCS R4040427-1 WG2237030 1x	0229_31LCSC	311565.70	172268.80	175647.10
LCSD R4040427-2 WG2237030 1x	0229_32C	320558.30	172367.20	178144.20
BLANK R4040427-3 WG2237030 1x	0229_36C	303446	163333.20	167364.60
L1708614-01 WG2237030 1000x	0229_58	476579.40	247630	245283.30
L1708614-02 WG2237030 20x	0229_59	493163.90	256778.90	251938.20
L1708614-03 WG2237030 400x	0229_60	464202.20	245442	245032.70
L1708614-04 WG2237030 200x	0229_61	448229.90	233507.50	234512.80
L1708614-05 WG2237030 400x	0229_62	450046.40	240722	238478.70
L1708614-06 WG2237030 1000x	0229_63	441873.80	229017.10	227755.60
L1708614-07 WG2237030 1000x	0229_64	449147.80	233078.10	234108.90

INTERNAL STANDARD SUMMARY

Instrument: VOCMS21 • File ID: 0225_02

02/25/24 11:42

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0225_02	254958	121649	108073
Upper Limit		509916	243298	216146
Lower Limit		127479	60825	54037
LCS R4038564-1 WG2233783 1x	0225_02LCS	254958	121649	108073
BLANK R4038564-2 WG2233783 1x	0225_07	249385	114069	102242
LCSD R4038564-3 WG2233783 1x	0225_08	260180	123029	108942
L1708614-08 WG2233783 1x	0225_11	250705	110804	102834

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L2	The associated blank spike recovery was below laboratory acceptance limits.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to:
Shanda Wagner

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description:
Circle K Store No. 2705326

City/State Collected: **Chino Valley, Arizona**

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326 ~~ISC~~ SRI**

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): **Tony Baca**

Site/Facility ID # **CK2705326**

P.O. # **CK2705326 - ~~ISC~~ SRI**

Collected by (signature):

Immediately Packed on Ice N ____ Y X

Rush? (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day

Quote # **00107122**

Date Results Needed: **Standard TAT**

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1788614

Tab **H077**

Acctnum: **ENCORETAZ**
Template: **T247091**
Prelogin: **P1055497**
PM: **288 - Daphne Richards**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
SB-1-55	G	SS	55	2/20/24	0915	2	X	X		01
SB-1-60	G	SS	60	"	0931	2	X	X		02
SB-1-65	G	SS	65	"	0946	2	X	X		03
SB-1-70	G	SS	70	"	1004	2	X	X		04
SB-1-75	G	SS	75	"	1216	2	X	X		05
SB-1-80	G	SS	80	"	1312	2	X	X		06
SB-1-85	G	SS	85	"	1411	2	X	X		07
Trip Blank	—	SS	—	—	—	1		X		08
		SS								
		SS								

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: X Y __N

	Date:	Time:	
Relinquished by: (Signature)	2/22/24	0707	Received by: (Signature)
Relinquished by: (Signature)	2/22/24	1332	Received by: (Signature)
Relinquished by: (Signature)	2.22.24	1800	Received for lab by: (Signature)

Trip Blank Received: Yes / No
1 HCL / MeoH
TBR

Temp: 2.4+0.2=2.6 °C Bottles Received: 14

Date: 2/23/24 Time: 1200

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

DUPAZ

ANALYTICAL REPORT

March 13, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1712158
Samples Received:	03/06/2024
Project Number:	2705326
Description:	Circle K Store No 2705326
Site:	2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

T. Alan Harvill
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

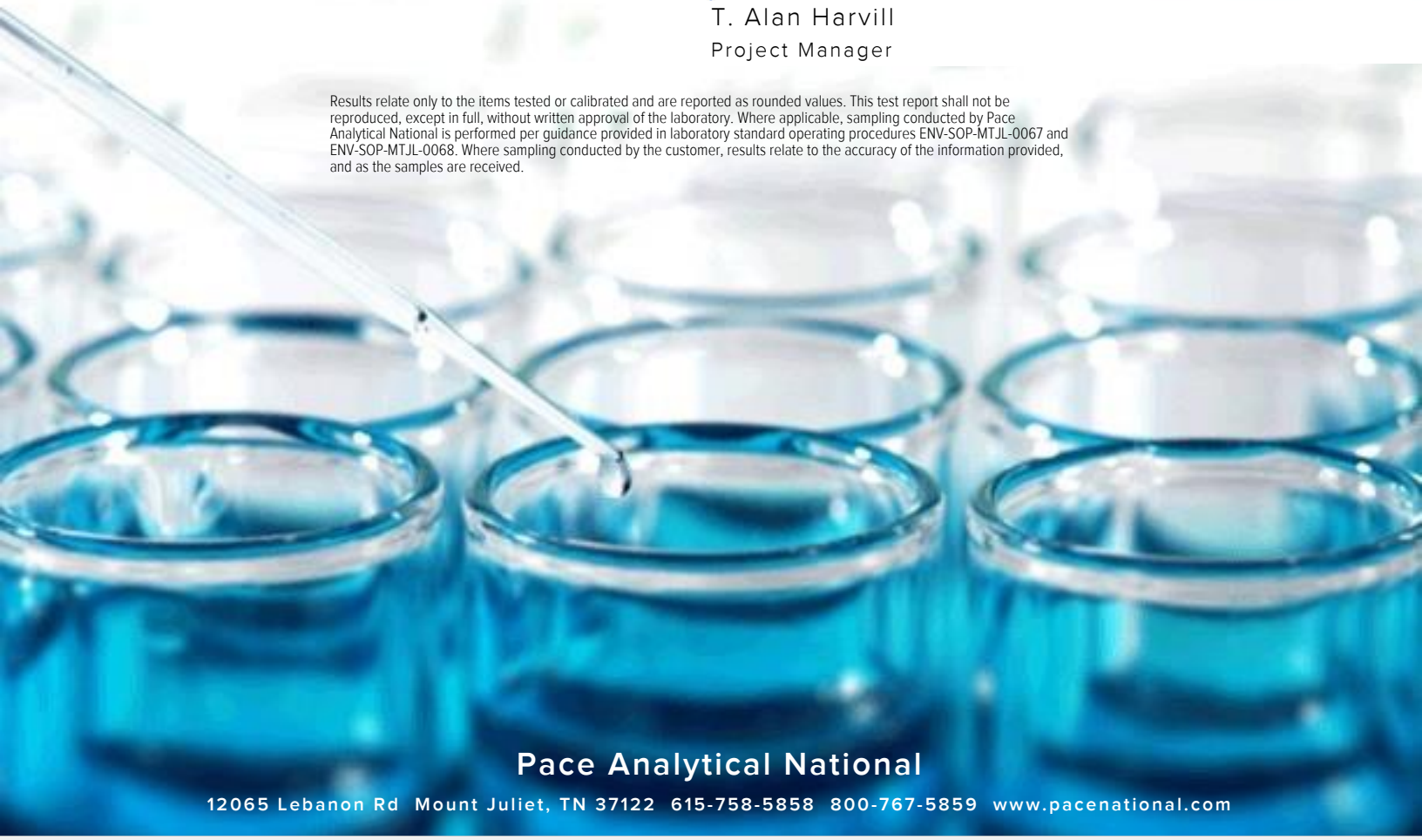


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SB-1-90 L1712158-01 Solid

Collected by: Parker Schroeder | Collected date/time: 02/29/24 11:41 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2241550	40	02/29/24 11:41	03/07/24 14:38	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2242500	800	02/29/24 11:41	03/08/24 12:02	DWR	Mt. Juliet, TN

SB-1-95 L1712158-02 Solid

Collected by: Parker Schroeder | Collected date/time: 02/29/24 12:14 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2241550	40	02/29/24 12:14	03/07/24 14:57	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2242500	400	02/29/24 12:14	03/08/24 12:23	DWR	Mt. Juliet, TN

SB-1-100 L1712158-03 Solid

Collected by: Parker Schroeder | Collected date/time: 02/29/24 13:32 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2241550	40.8	02/29/24 13:32	03/07/24 15:16	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2242500	408	02/29/24 13:32	03/08/24 12:45	DWR	Mt. Juliet, TN

SB-1-105 L1712158-04 Solid

Collected by: Parker Schroeder | Collected date/time: 02/29/24 14:27 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2241550	1	02/29/24 14:27	03/07/24 14:01	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2242500	10	02/29/24 14:27	03/08/24 10:57	DWR	Mt. Juliet, TN

SB-1-110 L1712158-05 Solid

Collected by: Parker Schroeder | Collected date/time: 02/29/24 15:12 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2241550	1.03	02/29/24 15:12	03/07/24 14:20	DWR	Mt. Juliet, TN

SB-1-115 L1712158-06 Solid

Collected by: Parker Schroeder | Collected date/time: 02/29/24 15:41 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	400	02/29/24 15:41	03/11/24 06:47	ADM	Mt. Juliet, TN

SB-1-120 L1712158-07 Solid

Collected by: Parker Schroeder | Collected date/time: 02/29/24 16:18 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2241678	1.09	02/29/24 16:18	03/07/24 15:15	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	21.8	02/29/24 16:18	03/11/24 05:12	ADM	Mt. Juliet, TN

SB-1-125 L1712158-08 Solid

Collected by: Parker Schroeder | Collected date/time: 03/01/24 07:38 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	800	03/01/24 07:38	03/11/24 07:06	ADM	Mt. Juliet, TN

SB-1-130 L1712158-09 Solid

Collected by: Parker Schroeder | Collected date/time: 03/01/24 08:27 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	103	03/01/24 08:27	03/11/24 05:50	ADM	Mt. Juliet, TN

SB-1-135 L1712158-10 Solid

Collected by: Parker Schroeder | Collected date/time: 03/01/24 11:01 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	4000	03/01/24 11:01	03/11/24 07:25	ADM	Mt. Juliet, TN

SB-1-140 L1712158-11 Solid

Collected by: Parker Schroeder | Collected date/time: 03/01/24 13:11 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	20.2	03/01/24 13:11	03/11/24 05:31	ADM	Mt. Juliet, TN

SB-1-145 L1712158-12 Solid

Collected by: Parker Schroeder | Collected date/time: 03/01/24 14:19 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	100	03/01/24 14:19	03/11/24 06:09	ADM	Mt. Juliet, TN

SB-1-150 L1712158-13 Solid

Collected by: Parker Schroeder | Collected date/time: 03/01/24 15:19 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243768	200	03/01/24 15:19	03/11/24 06:28	ADM	Mt. Juliet, TN

TRIP BLANK L1712158-14 GW

Collected by: Parker Schroeder | Collected date/time: 03/01/24 00:00 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2243098	1	03/10/24 01:07	03/10/24 01:07	JCP	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



T. Alan Harvill
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1712158-01	SB-1-90	8260B
L1712158-02	SB-1-95	8260B
L1712158-03	SB-1-100	8260B
L1712158-04	SB-1-105	8260B
L1712158-05	SB-1-110	8260B
L1712158-06	SB-1-115	8260B
L1712158-07	SB-1-120	8260B
L1712158-08	SB-1-125	8260B
L1712158-09	SB-1-130	8260B
L1712158-10	SB-1-135	8260B
L1712158-11	SB-1-140	8260B
L1712158-12	SB-1-145	8260B
L1712158-13	SB-1-150	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	03/07/2024 14:38	WG2241550
Acrylonitrile	U		3.61	12.5	40	03/07/2024 14:38	WG2241550
Benzene	57.1		0.467	1.00	40	03/07/2024 14:38	WG2241550
Bromobenzene	U		0.900	12.5	40	03/07/2024 14:38	WG2241550
Bromodichloromethane	U		0.725	2.50	40	03/07/2024 14:38	WG2241550
Bromoform	U		1.17	25.0	40	03/07/2024 14:38	WG2241550
Bromomethane	U		1.97	12.5	40	03/07/2024 14:38	WG2241550
1,3-Butadiene	U		5.13	25.0	40	03/07/2024 14:38	WG2241550
n-Butylbenzene	U		5.25	12.5	40	03/07/2024 14:38	WG2241550
sec-Butylbenzene	2.98	E4	2.88	12.5	40	03/07/2024 14:38	WG2241550
tert-Butylbenzene	U		1.95	5.00	40	03/07/2024 14:38	WG2241550
Carbon disulfide	U		0.700	12.5	40	03/07/2024 14:38	WG2241550
Carbon tetrachloride	U		0.898	5.00	40	03/07/2024 14:38	WG2241550
Chlorobenzene	U		0.210	2.50	40	03/07/2024 14:38	WG2241550
Chlorodibromomethane	U		0.612	2.50	40	03/07/2024 14:38	WG2241550
Chloroethane	U		1.70	5.00	40	03/07/2024 14:38	WG2241550
Chloroform	4.25		1.03	2.50	40	03/07/2024 14:38	WG2241550
Chloromethane	U		4.35	12.5	40	03/07/2024 14:38	WG2241550
2-Chlorotoluene	U		0.865	2.50	40	03/07/2024 14:38	WG2241550
4-Chlorotoluene	U		0.450	5.00	40	03/07/2024 14:38	WG2241550
Cyclohexane	132		22.2	50.0	800	03/08/2024 12:02	WG2242500
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	03/07/2024 14:38	WG2241550
1,2-Dibromoethane	U		0.648	2.50	40	03/07/2024 14:38	WG2241550
Dibromomethane	U		0.750	5.00	40	03/07/2024 14:38	WG2241550
1,2-Dichlorobenzene	U		0.425	5.00	40	03/07/2024 14:38	WG2241550
1,3-Dichlorobenzene	U		0.600	5.00	40	03/07/2024 14:38	WG2241550
1,4-Dichlorobenzene	U		0.700	5.00	40	03/07/2024 14:38	WG2241550
Dichlorodifluoromethane	U		1.61	2.50	40	03/07/2024 14:38	WG2241550
1,1-Dichloroethane	U		0.491	2.50	40	03/07/2024 14:38	WG2241550
1,2-Dichloroethane	U		0.649	2.50	40	03/07/2024 14:38	WG2241550
1,1-Dichloroethene	U		0.606	2.50	40	03/07/2024 14:38	WG2241550
cis-1,2-Dichloroethene	U		0.734	2.50	40	03/07/2024 14:38	WG2241550
trans-1,2-Dichloroethene	U		1.04	5.00	40	03/07/2024 14:38	WG2241550
1,2-Dichloropropane	U		1.42	5.00	40	03/07/2024 14:38	WG2241550
1,1-Dichloropropene	U		0.809	2.50	40	03/07/2024 14:38	WG2241550
1,3-Dichloropropane	U		0.501	5.00	40	03/07/2024 14:38	WG2241550
cis-1,3-Dichloropropene	U		0.757	2.50	40	03/07/2024 14:38	WG2241550
trans-1,3-Dichloropropene	U		1.14	5.00	40	03/07/2024 14:38	WG2241550
2,2-Dichloropropane	U		1.38	2.50	40	03/07/2024 14:38	WG2241550
Dicyclopentadiene	U		1.65	12.5	40	03/07/2024 14:38	WG2241550
Di-isopropyl ether	U		0.410	1.00	40	03/07/2024 14:38	WG2241550
Ethylbenzene	95.6		0.737	2.50	40	03/07/2024 14:38	WG2241550
4-Ethyltoluene	78.7	E4	46.4	100	800	03/08/2024 12:02	WG2242500
Hexachloro-1,3-butadiene	U		6.00	25.0	40	03/07/2024 14:38	WG2241550
n-Hexane	215		45.2	100	800	03/08/2024 12:02	WG2242500
Isopropylbenzene	8.72		0.425	2.50	40	03/07/2024 14:38	WG2241550
p-Isopropyltoluene	U		2.55	5.00	40	03/07/2024 14:38	WG2241550
2-Butanone (MEK)	U	R7	63.5	100	40	03/07/2024 14:38	WG2241550
Methylene Chloride	U		6.64	25.0	40	03/07/2024 14:38	WG2241550
4-Methyl-2-pentanone (MIBK)	8.60	E4	2.28	25.0	40	03/07/2024 14:38	WG2241550
Methyl tert-butyl ether	U		0.350	1.00	40	03/07/2024 14:38	WG2241550
Methyl Cyclohexane	99.7	E4	41.2	100	800	03/08/2024 12:02	WG2242500
Naphthalene	11.3	E4	4.88	12.5	40	03/07/2024 14:38	WG2241550
Propene	U		6.12	50.0	40	03/07/2024 14:38	WG2241550
n-Propylbenzene	24.7		0.950	5.00	40	03/07/2024 14:38	WG2241550
Styrene	U		0.229	12.5	40	03/07/2024 14:38	WG2241550

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	03/07/2024 14:38	WG2241550
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	03/07/2024 14:38	WG2241550
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	03/07/2024 14:38	WG2241550
Tetrachloroethene	U		0.896	2.50	40	03/07/2024 14:38	WG2241550
Toluene	387		26.0	100	800	03/08/2024 12:02	WG2242500
1,2,3-Trichlorobenzene	U		7.33	12.5	40	03/07/2024 14:38	WG2241550
1,2,4-Trichlorobenzene	U		4.40	12.5	40	03/07/2024 14:38	WG2241550
1,1,1-Trichloroethane	U		0.923	2.50	40	03/07/2024 14:38	WG2241550
1,1,2-Trichloroethane	U		0.597	2.50	40	03/07/2024 14:38	WG2241550
Trichloroethene	U		0.584	1.00	40	03/07/2024 14:38	WG2241550
Trichlorofluoromethane	U		0.827	2.50	40	03/07/2024 14:38	WG2241550
1,2,3-Trichloropropane	U		1.62	12.5	40	03/07/2024 14:38	WG2241550
1,2,4-Trimethylbenzene	80.0	E4	31.6	100	800	03/08/2024 12:02	WG2242500
1,2,3-Trimethylbenzene	27.8		1.58	5.00	40	03/07/2024 14:38	WG2241550
1,3,5-Trimethylbenzene	28.4		2.00	5.00	40	03/07/2024 14:38	WG2241550
Vinyl chloride	U		1.16	2.50	40	03/07/2024 14:38	WG2241550
Xylenes, Total	337		17.6	130	800	03/08/2024 12:02	WG2242500
(S) Toluene-d8	*101*			*75.0-131*		*03/07/2024 14:38*	WG2241550
(S) Toluene-d8	*89.9*			*75.0-131*		*03/08/2024 12:02*	WG2242500
(S) 4-Bromofluorobenzene	*99.5*			*67.0-138*		*03/07/2024 14:38*	WG2241550
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*03/08/2024 12:02*	WG2242500
(S) 1,2-Dichloroethane-d4	*84.3*			*70.0-130*		*03/07/2024 14:38*	WG2241550
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*03/08/2024 12:02*	WG2242500

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	03/07/2024 14:57	WG2241550
Acrylonitrile	U		3.61	12.5	40	03/07/2024 14:57	WG2241550
Benzene	21.6		0.467	1.00	40	03/07/2024 14:57	WG2241550
Bromobenzene	U		0.900	12.5	40	03/07/2024 14:57	WG2241550
Bromodichloromethane	U		0.725	2.50	40	03/07/2024 14:57	WG2241550
Bromoform	U		1.17	25.0	40	03/07/2024 14:57	WG2241550
Bromomethane	U		1.97	12.5	40	03/07/2024 14:57	WG2241550
1,3-Butadiene	17.5	E4	5.13	25.0	40	03/07/2024 14:57	WG2241550
n-Butylbenzene	U		5.25	12.5	40	03/07/2024 14:57	WG2241550
sec-Butylbenzene	U		2.88	12.5	40	03/07/2024 14:57	WG2241550
tert-Butylbenzene	U		1.95	5.00	40	03/07/2024 14:57	WG2241550
Carbon disulfide	U		0.700	12.5	40	03/07/2024 14:57	WG2241550
Carbon tetrachloride	U		0.898	5.00	40	03/07/2024 14:57	WG2241550
Chlorobenzene	U		0.210	2.50	40	03/07/2024 14:57	WG2241550
Chlorodibromomethane	U		0.612	2.50	40	03/07/2024 14:57	WG2241550
Chloroethane	U		1.70	5.00	40	03/07/2024 14:57	WG2241550
Chloroform	1.39	E4	1.03	2.50	40	03/07/2024 14:57	WG2241550
Chloromethane	U		4.35	12.5	40	03/07/2024 14:57	WG2241550
2-Chlorotoluene	U		0.865	2.50	40	03/07/2024 14:57	WG2241550
4-Chlorotoluene	U		0.450	5.00	40	03/07/2024 14:57	WG2241550
Cyclohexane	31.3		1.11	2.50	40	03/07/2024 14:57	WG2241550
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	03/07/2024 14:57	WG2241550
1,2-Dibromoethane	U		0.648	2.50	40	03/07/2024 14:57	WG2241550
Dibromomethane	U		0.750	5.00	40	03/07/2024 14:57	WG2241550
1,2-Dichlorobenzene	U		0.425	5.00	40	03/07/2024 14:57	WG2241550
1,3-Dichlorobenzene	U		0.600	5.00	40	03/07/2024 14:57	WG2241550
1,4-Dichlorobenzene	U		0.700	5.00	40	03/07/2024 14:57	WG2241550
Dichlorodifluoromethane	U		1.61	2.50	40	03/07/2024 14:57	WG2241550
1,1-Dichloroethane	U		0.491	2.50	40	03/07/2024 14:57	WG2241550
1,2-Dichloroethane	U		0.649	2.50	40	03/07/2024 14:57	WG2241550
1,1-Dichloroethene	U		0.606	2.50	40	03/07/2024 14:57	WG2241550
cis-1,2-Dichloroethene	U		0.734	2.50	40	03/07/2024 14:57	WG2241550
trans-1,2-Dichloroethene	U		1.04	5.00	40	03/07/2024 14:57	WG2241550
1,2-Dichloropropane	U		1.42	5.00	40	03/07/2024 14:57	WG2241550
1,1-Dichloropropene	U		0.809	2.50	40	03/07/2024 14:57	WG2241550
1,3-Dichloropropane	U		0.501	5.00	40	03/07/2024 14:57	WG2241550
cis-1,3-Dichloropropene	U		0.757	2.50	40	03/07/2024 14:57	WG2241550
trans-1,3-Dichloropropene	U		1.14	5.00	40	03/07/2024 14:57	WG2241550
2,2-Dichloropropane	U		1.38	2.50	40	03/07/2024 14:57	WG2241550
Dicyclopentadiene	U		1.65	12.5	40	03/07/2024 14:57	WG2241550
Di-isopropyl ether	U		0.410	1.00	40	03/07/2024 14:57	WG2241550
Ethylbenzene	17.5		0.737	2.50	40	03/07/2024 14:57	WG2241550
4-Ethyltoluene	10.3		2.32	5.00	40	03/07/2024 14:57	WG2241550
Hexachloro-1,3-butadiene	U		6.00	25.0	40	03/07/2024 14:57	WG2241550
n-Hexane	47.8		2.26	5.00	40	03/07/2024 14:57	WG2241550
Isopropylbenzene	1.09	E4	0.425	2.50	40	03/07/2024 14:57	WG2241550
p-Isopropyltoluene	U		2.55	5.00	40	03/07/2024 14:57	WG2241550
2-Butanone (MEK)	U	R7	63.5	100	40	03/07/2024 14:57	WG2241550
Methylene Chloride	U		6.64	25.0	40	03/07/2024 14:57	WG2241550
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	03/07/2024 14:57	WG2241550
Methyl tert-butyl ether	U		0.350	1.00	40	03/07/2024 14:57	WG2241550
Methyl Cyclohexane	26.4		2.06	5.00	40	03/07/2024 14:57	WG2241550
Naphthalene	U		4.88	12.5	40	03/07/2024 14:57	WG2241550
Propene	U		6.12	50.0	40	03/07/2024 14:57	WG2241550
n-Propylbenzene	2.40	E4	0.950	5.00	40	03/07/2024 14:57	WG2241550
Styrene	U		0.229	12.5	40	03/07/2024 14:57	WG2241550

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	03/07/2024 14:57	WG2241550
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	03/07/2024 14:57	WG2241550
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	03/07/2024 14:57	WG2241550
Tetrachloroethene	U		0.896	2.50	40	03/07/2024 14:57	WG2241550
Toluene	126		13.0	50.0	400	03/08/2024 12:23	WG2242500
1,2,3-Trichlorobenzene	U		7.33	12.5	40	03/07/2024 14:57	WG2241550
1,2,4-Trichlorobenzene	U		4.40	12.5	40	03/07/2024 14:57	WG2241550
1,1,1-Trichloroethane	U		0.923	2.50	40	03/07/2024 14:57	WG2241550
1,1,2-Trichloroethane	U		0.597	2.50	40	03/07/2024 14:57	WG2241550
Trichloroethene	U		0.584	1.00	40	03/07/2024 14:57	WG2241550
Trichlorofluoromethane	U		0.827	2.50	40	03/07/2024 14:57	WG2241550
1,2,3-Trichloropropane	U		1.62	12.5	40	03/07/2024 14:57	WG2241550
1,2,4-Trimethylbenzene	10.0		1.58	5.00	40	03/07/2024 14:57	WG2241550
1,2,3-Trimethylbenzene	1.88	E4	1.58	5.00	40	03/07/2024 14:57	WG2241550
1,3,5-Trimethylbenzene	2.73	E4	2.00	5.00	40	03/07/2024 14:57	WG2241550
Vinyl chloride	U		1.16	2.50	40	03/07/2024 14:57	WG2241550
Xylenes, Total	67.4		0.880	6.50	40	03/07/2024 14:57	WG2241550
(S) Toluene-d8	*104*			*75.0-131*		*03/07/2024 14:57*	WG2241550
(S) Toluene-d8	*93.9*			*75.0-131*		*03/08/2024 12:23*	WG2242500
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/07/2024 14:57*	WG2241550
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*03/08/2024 12:23*	WG2242500
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*03/07/2024 14:57*	WG2241550
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*03/08/2024 12:23*	WG2242500

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		37.2	51.0	40.8	03/07/2024 15:16	WG2241550
Acrylonitrile	U		3.68	12.8	40.8	03/07/2024 15:16	WG2241550
Benzene	19.0		0.476	1.02	40.8	03/07/2024 15:16	WG2241550
Bromobenzene	U		0.918	12.8	40.8	03/07/2024 15:16	WG2241550
Bromodichloromethane	U		0.740	2.55	40.8	03/07/2024 15:16	WG2241550
Bromoform	U		1.19	25.5	40.8	03/07/2024 15:16	WG2241550
Bromomethane	U		2.01	12.8	40.8	03/07/2024 15:16	WG2241550
1,3-Butadiene	U		5.23	25.5	40.8	03/07/2024 15:16	WG2241550
n-Butylbenzene	U		5.35	12.8	40.8	03/07/2024 15:16	WG2241550
sec-Butylbenzene	U		2.94	12.8	40.8	03/07/2024 15:16	WG2241550
tert-Butylbenzene	U		1.99	5.10	40.8	03/07/2024 15:16	WG2241550
Carbon disulfide	U		0.714	12.8	40.8	03/07/2024 15:16	WG2241550
Carbon tetrachloride	U		0.916	5.10	40.8	03/07/2024 15:16	WG2241550
Chlorobenzene	U		0.214	2.55	40.8	03/07/2024 15:16	WG2241550
Chlorodibromomethane	U		0.624	2.55	40.8	03/07/2024 15:16	WG2241550
Chloroethane	U		1.73	5.10	40.8	03/07/2024 15:16	WG2241550
Chloroform	U		1.05	2.55	40.8	03/07/2024 15:16	WG2241550
Chloromethane	U		4.44	12.8	40.8	03/07/2024 15:16	WG2241550
2-Chlorotoluene	U		0.882	2.55	40.8	03/07/2024 15:16	WG2241550
4-Chlorotoluene	U		0.459	5.10	40.8	03/07/2024 15:16	WG2241550
Cyclohexane	24.0		1.13	2.55	40.8	03/07/2024 15:16	WG2241550
1,2-Dibromo-3-Chloropropane	U		3.98	25.5	40.8	03/07/2024 15:16	WG2241550
1,2-Dibromoethane	U		0.661	2.55	40.8	03/07/2024 15:16	WG2241550
Dibromomethane	U		0.765	5.10	40.8	03/07/2024 15:16	WG2241550
1,2-Dichlorobenzene	U		0.434	5.10	40.8	03/07/2024 15:16	WG2241550
1,3-Dichlorobenzene	U		0.612	5.10	40.8	03/07/2024 15:16	WG2241550
1,4-Dichlorobenzene	U		0.714	5.10	40.8	03/07/2024 15:16	WG2241550
Dichlorodifluoromethane	U		1.64	2.55	40.8	03/07/2024 15:16	WG2241550
1,1-Dichloroethane	U		0.501	2.55	40.8	03/07/2024 15:16	WG2241550
1,2-Dichloroethane	U		0.662	2.55	40.8	03/07/2024 15:16	WG2241550
1,1-Dichloroethene	U		0.618	2.55	40.8	03/07/2024 15:16	WG2241550
cis-1,2-Dichloroethene	U		0.749	2.55	40.8	03/07/2024 15:16	WG2241550
trans-1,2-Dichloroethene	U		1.06	5.10	40.8	03/07/2024 15:16	WG2241550
1,2-Dichloropropane	U		1.45	5.10	40.8	03/07/2024 15:16	WG2241550
1,1-Dichloropropene	U		0.825	2.55	40.8	03/07/2024 15:16	WG2241550
1,3-Dichloropropane	U		0.511	5.10	40.8	03/07/2024 15:16	WG2241550
cis-1,3-Dichloropropene	U		0.772	2.55	40.8	03/07/2024 15:16	WG2241550
trans-1,3-Dichloropropene	U		1.16	5.10	40.8	03/07/2024 15:16	WG2241550
2,2-Dichloropropane	U		1.41	2.55	40.8	03/07/2024 15:16	WG2241550
Dicyclopentadiene	U		1.68	12.8	40.8	03/07/2024 15:16	WG2241550
Di-isopropyl ether	U		0.418	1.02	40.8	03/07/2024 15:16	WG2241550
Ethylbenzene	27.5		0.752	2.55	40.8	03/07/2024 15:16	WG2241550
4-Ethyltoluene	22.6		2.37	5.10	40.8	03/07/2024 15:16	WG2241550
Hexachloro-1,3-butadiene	U		6.12	25.5	40.8	03/07/2024 15:16	WG2241550
n-Hexane	32.6		2.31	5.10	40.8	03/07/2024 15:16	WG2241550
Isopropylbenzene	2.07	E4	0.434	2.55	40.8	03/07/2024 15:16	WG2241550
p-Isopropyltoluene	U		2.60	5.10	40.8	03/07/2024 15:16	WG2241550
2-Butanone (MEK)	U	R7	64.8	102	40.8	03/07/2024 15:16	WG2241550
Methylene Chloride	U		6.77	25.5	40.8	03/07/2024 15:16	WG2241550
4-Methyl-2-pentanone (MIBK)	U		2.33	25.5	40.8	03/07/2024 15:16	WG2241550
Methyl tert-butyl ether	U		0.357	1.02	40.8	03/07/2024 15:16	WG2241550
Methyl Cyclohexane	24.4		2.10	5.10	40.8	03/07/2024 15:16	WG2241550
Naphthalene	U		4.98	12.8	40.8	03/07/2024 15:16	WG2241550
Propene	U		6.24	51.0	40.8	03/07/2024 15:16	WG2241550
n-Propylbenzene	4.98	E4	0.969	5.10	40.8	03/07/2024 15:16	WG2241550
Styrene	U		0.234	12.8	40.8	03/07/2024 15:16	WG2241550

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.967	2.55	40.8	03/07/2024 15:16	WG2241550
1,1,2,2-Tetrachloroethane	U		0.709	2.55	40.8	03/07/2024 15:16	WG2241550
1,1,2-Trichlorotrifluoroethane	U		0.769	2.55	40.8	03/07/2024 15:16	WG2241550
Tetrachloroethene	U		0.914	2.55	40.8	03/07/2024 15:16	WG2241550
Toluene	134		13.3	51.0	408	03/08/2024 12:45	WG2242500
1,2,3-Trichlorobenzene	U		7.48	12.8	40.8	03/07/2024 15:16	WG2241550
1,2,4-Trichlorobenzene	U		4.49	12.8	40.8	03/07/2024 15:16	WG2241550
1,1,1-Trichloroethane	U		0.941	2.55	40.8	03/07/2024 15:16	WG2241550
1,1,2-Trichloroethane	U		0.609	2.55	40.8	03/07/2024 15:16	WG2241550
Trichloroethene	U		0.596	1.02	40.8	03/07/2024 15:16	WG2241550
Trichlorofluoromethane	U		0.844	2.55	40.8	03/07/2024 15:16	WG2241550
1,2,3-Trichloropropane	U		1.65	12.8	40.8	03/07/2024 15:16	WG2241550
1,2,4-Trimethylbenzene	23.7		1.61	5.10	40.8	03/07/2024 15:16	WG2241550
1,2,3-Trimethylbenzene	4.71	E4	1.61	5.10	40.8	03/07/2024 15:16	WG2241550
1,3,5-Trimethylbenzene	6.43		2.04	5.10	40.8	03/07/2024 15:16	WG2241550
Vinyl chloride	U		1.18	2.55	40.8	03/07/2024 15:16	WG2241550
Xylenes, Total	115		0.898	6.63	40.8	03/07/2024 15:16	WG2241550
(S) Toluene-d8	*102*			*75.0-131*		*03/07/2024 15:16*	WG2241550
(S) Toluene-d8	*89.3*			*75.0-131*		*03/08/2024 12:45*	WG2242500
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/07/2024 15:16*	WG2241550
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*		*03/08/2024 12:45*	WG2242500
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*03/07/2024 15:16*	WG2241550
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*03/08/2024 12:45*	WG2242500

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/07/2024 14:01	WG2241550
Acrylonitrile	U		0.0903	0.313	1	03/07/2024 14:01	WG2241550
Benzene	1.15		0.0117	0.0250	1	03/07/2024 14:01	WG2241550
Bromobenzene	U		0.0225	0.313	1	03/07/2024 14:01	WG2241550
Bromodichloromethane	U		0.0181	0.0625	1	03/07/2024 14:01	WG2241550
Bromoform	U		0.0293	0.625	1	03/07/2024 14:01	WG2241550
Bromomethane	U		0.0493	0.313	1	03/07/2024 14:01	WG2241550
1,3-Butadiene	U		0.128	0.625	1	03/07/2024 14:01	WG2241550
n-Butylbenzene	U		0.131	0.313	1	03/07/2024 14:01	WG2241550
sec-Butylbenzene	U		0.0720	0.313	1	03/07/2024 14:01	WG2241550
tert-Butylbenzene	U		0.0488	0.125	1	03/07/2024 14:01	WG2241550
Carbon disulfide	U		0.0175	0.313	1	03/07/2024 14:01	WG2241550
Carbon tetrachloride	U		0.0225	0.125	1	03/07/2024 14:01	WG2241550
Chlorobenzene	U		0.00525	0.0625	1	03/07/2024 14:01	WG2241550
Chlorodibromomethane	U		0.0153	0.0625	1	03/07/2024 14:01	WG2241550
Chloroethane	U		0.0425	0.125	1	03/07/2024 14:01	WG2241550
Chloroform	0.0451	E4	0.0258	0.0625	1	03/07/2024 14:01	WG2241550
Chloromethane	U		0.109	0.313	1	03/07/2024 14:01	WG2241550
2-Chlorotoluene	U		0.0216	0.0625	1	03/07/2024 14:01	WG2241550
4-Chlorotoluene	U		0.0113	0.125	1	03/07/2024 14:01	WG2241550
Cyclohexane	1.05		0.0278	0.0625	1	03/07/2024 14:01	WG2241550
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/07/2024 14:01	WG2241550
1,2-Dibromoethane	U		0.0162	0.0625	1	03/07/2024 14:01	WG2241550
Dibromomethane	U		0.0188	0.125	1	03/07/2024 14:01	WG2241550
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/07/2024 14:01	WG2241550
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/07/2024 14:01	WG2241550
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/07/2024 14:01	WG2241550
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/07/2024 14:01	WG2241550
1,1-Dichloroethane	U		0.0123	0.0625	1	03/07/2024 14:01	WG2241550
1,2-Dichloroethane	U		0.0162	0.0625	1	03/07/2024 14:01	WG2241550
1,1-Dichloroethene	U		0.0152	0.0625	1	03/07/2024 14:01	WG2241550
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/07/2024 14:01	WG2241550
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/07/2024 14:01	WG2241550
1,2-Dichloropropane	U		0.0355	0.125	1	03/07/2024 14:01	WG2241550
1,1-Dichloropropene	U		0.0202	0.0625	1	03/07/2024 14:01	WG2241550
1,3-Dichloropropane	U		0.0125	0.125	1	03/07/2024 14:01	WG2241550
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/07/2024 14:01	WG2241550
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/07/2024 14:01	WG2241550
2,2-Dichloropropane	U		0.0345	0.0625	1	03/07/2024 14:01	WG2241550
Dicyclopentadiene	U		0.0413	0.313	1	03/07/2024 14:01	WG2241550
Di-isopropyl ether	U		0.0103	0.0250	1	03/07/2024 14:01	WG2241550
Ethylbenzene	1.53		0.0184	0.0625	1	03/07/2024 14:01	WG2241550
4-Ethyltoluene	1.44		0.0580	0.125	1	03/07/2024 14:01	WG2241550
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/07/2024 14:01	WG2241550
n-Hexane	1.17		0.0565	0.125	1	03/07/2024 14:01	WG2241550
Isopropylbenzene	0.132		0.0106	0.0625	1	03/07/2024 14:01	WG2241550
p-Isopropyltoluene	U		0.0638	0.125	1	03/07/2024 14:01	WG2241550
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/07/2024 14:01	WG2241550
Methylene Chloride	U		0.166	0.625	1	03/07/2024 14:01	WG2241550
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/07/2024 14:01	WG2241550
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/07/2024 14:01	WG2241550
Methyl Cyclohexane	1.11		0.0515	0.125	1	03/07/2024 14:01	WG2241550
Naphthalene	U		0.122	0.313	1	03/07/2024 14:01	WG2241550
Propene	U		0.153	1.25	1	03/07/2024 14:01	WG2241550
n-Propylbenzene	0.316		0.0238	0.125	1	03/07/2024 14:01	WG2241550
Styrene	U		0.00573	0.313	1	03/07/2024 14:01	WG2241550

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/07/2024 14:01	WG2241550
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/07/2024 14:01	WG2241550
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/07/2024 14:01	WG2241550
Tetrachloroethene	U		0.0224	0.0625	1	03/07/2024 14:01	WG2241550
Toluene	7.97		0.325	1.25	10	03/08/2024 10:57	WG2242500
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/07/2024 14:01	WG2241550
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/07/2024 14:01	WG2241550
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/07/2024 14:01	WG2241550
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/07/2024 14:01	WG2241550
Trichloroethene	U		0.0146	0.0250	1	03/07/2024 14:01	WG2241550
Trichlorofluoromethane	U		0.0207	0.0625	1	03/07/2024 14:01	WG2241550
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/07/2024 14:01	WG2241550
1,2,4-Trimethylbenzene	1.53		0.0395	0.125	1	03/07/2024 14:01	WG2241550
1,2,3-Trimethylbenzene	0.315		0.0395	0.125	1	03/07/2024 14:01	WG2241550
1,3,5-Trimethylbenzene	0.349		0.0500	0.125	1	03/07/2024 14:01	WG2241550
Vinyl chloride	U		0.0290	0.0625	1	03/07/2024 14:01	WG2241550
Xylenes, Total	6.87		0.220	1.63	10	03/08/2024 10:57	WG2242500
(S) Toluene-d8	*104*			*75.0-131*		*03/07/2024 14:01*	WG2241550
(S) Toluene-d8	*88.9*			*75.0-131*		*03/08/2024 10:57*	WG2242500
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*03/07/2024 14:01*	WG2241550
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/08/2024 10:57*	WG2242500
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*03/07/2024 14:01*	WG2241550
(S) 1,2-Dichloroethane-d4	*90.7*			*70.0-130*		*03/08/2024 10:57*	WG2242500

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.940	1.29	1.03	03/07/2024 14:20	WG2241550
Acrylonitrile	U		0.0930	0.322	1.03	03/07/2024 14:20	WG2241550
Benzene	0.131		0.0120	0.0258	1.03	03/07/2024 14:20	WG2241550
Bromobenzene	U		0.0232	0.322	1.03	03/07/2024 14:20	WG2241550
Bromodichloromethane	U		0.0187	0.0644	1.03	03/07/2024 14:20	WG2241550
Bromoform	U		0.0301	0.644	1.03	03/07/2024 14:20	WG2241550
Bromomethane	U		0.0507	0.322	1.03	03/07/2024 14:20	WG2241550
1,3-Butadiene	U		0.132	0.644	1.03	03/07/2024 14:20	WG2241550
n-Butylbenzene	U		0.135	0.322	1.03	03/07/2024 14:20	WG2241550
sec-Butylbenzene	U		0.0742	0.322	1.03	03/07/2024 14:20	WG2241550
tert-Butylbenzene	U		0.0502	0.129	1.03	03/07/2024 14:20	WG2241550
Carbon disulfide	U		0.0180	0.322	1.03	03/07/2024 14:20	WG2241550
Carbon tetrachloride	U		0.0231	0.129	1.03	03/07/2024 14:20	WG2241550
Chlorobenzene	U		0.00541	0.0644	1.03	03/07/2024 14:20	WG2241550
Chlorodibromomethane	U		0.0158	0.0644	1.03	03/07/2024 14:20	WG2241550
Chloroethane	U		0.0438	0.129	1.03	03/07/2024 14:20	WG2241550
Chloroform	U		0.0265	0.0644	1.03	03/07/2024 14:20	WG2241550
Chloromethane	U		0.112	0.322	1.03	03/07/2024 14:20	WG2241550
2-Chlorotoluene	U		0.0223	0.0644	1.03	03/07/2024 14:20	WG2241550
4-Chlorotoluene	U		0.0116	0.129	1.03	03/07/2024 14:20	WG2241550
Cyclohexane	0.0678		0.0286	0.0644	1.03	03/07/2024 14:20	WG2241550
1,2-Dibromo-3-Chloropropane	U		0.100	0.644	1.03	03/07/2024 14:20	WG2241550
1,2-Dibromoethane	U		0.0167	0.0644	1.03	03/07/2024 14:20	WG2241550
Dibromomethane	U		0.0193	0.129	1.03	03/07/2024 14:20	WG2241550
1,2-Dichlorobenzene	U		0.0109	0.129	1.03	03/07/2024 14:20	WG2241550
1,3-Dichlorobenzene	U		0.0155	0.129	1.03	03/07/2024 14:20	WG2241550
1,4-Dichlorobenzene	U		0.0180	0.129	1.03	03/07/2024 14:20	WG2241550
Dichlorodifluoromethane	U		0.0415	0.0644	1.03	03/07/2024 14:20	WG2241550
1,1-Dichloroethane	U		0.0126	0.0644	1.03	03/07/2024 14:20	WG2241550
1,2-Dichloroethane	U		0.0167	0.0644	1.03	03/07/2024 14:20	WG2241550
1,1-Dichloroethene	U		0.0156	0.0644	1.03	03/07/2024 14:20	WG2241550
cis-1,2-Dichloroethene	U		0.0189	0.0644	1.03	03/07/2024 14:20	WG2241550
trans-1,2-Dichloroethene	U		0.0268	0.129	1.03	03/07/2024 14:20	WG2241550
1,2-Dichloropropane	U		0.0366	0.129	1.03	03/07/2024 14:20	WG2241550
1,1-Dichloropropene	U		0.0208	0.0644	1.03	03/07/2024 14:20	WG2241550
1,3-Dichloropropane	U		0.0129	0.129	1.03	03/07/2024 14:20	WG2241550
cis-1,3-Dichloropropene	U		0.0195	0.0644	1.03	03/07/2024 14:20	WG2241550
trans-1,3-Dichloropropene	U		0.0294	0.129	1.03	03/07/2024 14:20	WG2241550
2,2-Dichloropropane	U		0.0355	0.0644	1.03	03/07/2024 14:20	WG2241550
Dicyclopentadiene	U		0.0425	0.322	1.03	03/07/2024 14:20	WG2241550
Di-isopropyl ether	U		0.0106	0.0258	1.03	03/07/2024 14:20	WG2241550
Ethylbenzene	0.0733		0.0190	0.0644	1.03	03/07/2024 14:20	WG2241550
4-Ethyltoluene	0.0923	E4	0.0597	0.129	1.03	03/07/2024 14:20	WG2241550
Hexachloro-1,3-butadiene	U		0.155	0.644	1.03	03/07/2024 14:20	WG2241550
n-Hexane	0.0936	E4	0.0582	0.129	1.03	03/07/2024 14:20	WG2241550
Isopropylbenzene	U		0.0109	0.0644	1.03	03/07/2024 14:20	WG2241550
p-Isopropyltoluene	U		0.0657	0.129	1.03	03/07/2024 14:20	WG2241550
2-Butanone (MEK)	U	R7	1.64	2.58	1.03	03/07/2024 14:20	WG2241550
Methylene Chloride	U		0.171	0.644	1.03	03/07/2024 14:20	WG2241550
4-Methyl-2-pentanone (MIBK)	U		0.0587	0.644	1.03	03/07/2024 14:20	WG2241550
Methyl tert-butyl ether	U		0.00901	0.0258	1.03	03/07/2024 14:20	WG2241550
Methyl Cyclohexane	0.0694	E4	0.0530	0.129	1.03	03/07/2024 14:20	WG2241550
Naphthalene	U		0.126	0.322	1.03	03/07/2024 14:20	WG2241550
Propene	U		0.158	1.29	1.03	03/07/2024 14:20	WG2241550
n-Propylbenzene	U		0.0245	0.129	1.03	03/07/2024 14:20	WG2241550
Styrene	U		0.00590	0.322	1.03	03/07/2024 14:20	WG2241550

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0244	0.0644	1.03	03/07/2024 14:20	WG2241550
1,1,2,2-Tetrachloroethane	U		0.0179	0.0644	1.03	03/07/2024 14:20	WG2241550
1,1,2-Trichlorotrifluoroethane	U		0.0194	0.0644	1.03	03/07/2024 14:20	WG2241550
Tetrachloroethene	U		0.0231	0.0644	1.03	03/07/2024 14:20	WG2241550
Toluene	0.483		0.0335	0.129	1.03	03/07/2024 14:20	WG2241550
1,2,3-Trichlorobenzene	U		0.189	0.322	1.03	03/07/2024 14:20	WG2241550
1,2,4-Trichlorobenzene	U		0.113	0.322	1.03	03/07/2024 14:20	WG2241550
1,1,1-Trichloroethane	U		0.0238	0.0644	1.03	03/07/2024 14:20	WG2241550
1,1,2-Trichloroethane	U		0.0154	0.0644	1.03	03/07/2024 14:20	WG2241550
Trichloroethene	U		0.0150	0.0258	1.03	03/07/2024 14:20	WG2241550
Trichlorofluoromethane	U		0.0213	0.0644	1.03	03/07/2024 14:20	WG2241550
1,2,3-Trichloropropane	U		0.0417	0.322	1.03	03/07/2024 14:20	WG2241550
1,2,4-Trimethylbenzene	0.115	E4	0.0407	0.129	1.03	03/07/2024 14:20	WG2241550
1,2,3-Trimethylbenzene	U		0.0407	0.129	1.03	03/07/2024 14:20	WG2241550
1,3,5-Trimethylbenzene	U		0.0515	0.129	1.03	03/07/2024 14:20	WG2241550
Vinyl chloride	U		0.0299	0.0644	1.03	03/07/2024 14:20	WG2241550
Xylenes, Total	0.318		0.0227	0.167	1.03	03/07/2024 14:20	WG2241550
(S) Toluene-d8	*104*			*75.0-131*		*03/07/2024 14:20*	WG2241550
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*03/07/2024 14:20*	WG2241550
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*03/07/2024 14:20*	WG2241550

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		365	500	400	03/11/2024 06:47	WG2243768
Acrylonitrile	U		36.1	125	400	03/11/2024 06:47	WG2243768
Benzene	24.4		4.67	10.0	400	03/11/2024 06:47	WG2243768
Bromobenzene	U		9.00	125	400	03/11/2024 06:47	WG2243768
Bromodichloromethane	U		7.25	25.0	400	03/11/2024 06:47	WG2243768
Bromoform	U		11.7	250	400	03/11/2024 06:47	WG2243768
Bromomethane	U		19.7	125	400	03/11/2024 06:47	WG2243768
1,3-Butadiene	U		51.3	250	400	03/11/2024 06:47	WG2243768
n-Butylbenzene	U		52.5	125	400	03/11/2024 06:47	WG2243768
sec-Butylbenzene	U		28.8	125	400	03/11/2024 06:47	WG2243768
tert-Butylbenzene	U		19.5	50.0	400	03/11/2024 06:47	WG2243768
Carbon disulfide	U		7.00	125	400	03/11/2024 06:47	WG2243768
Carbon tetrachloride	U		8.98	50.0	400	03/11/2024 06:47	WG2243768
Chlorobenzene	U		2.10	25.0	400	03/11/2024 06:47	WG2243768
Chlorodibromomethane	U		6.12	25.0	400	03/11/2024 06:47	WG2243768
Chloroethane	U		17.0	50.0	400	03/11/2024 06:47	WG2243768
Chloroform	U		10.3	25.0	400	03/11/2024 06:47	WG2243768
Chloromethane	U		43.5	125	400	03/11/2024 06:47	WG2243768
2-Chlorotoluene	U		8.65	25.0	400	03/11/2024 06:47	WG2243768
4-Chlorotoluene	U		4.50	50.0	400	03/11/2024 06:47	WG2243768
Cyclohexane	62.1		11.1	25.0	400	03/11/2024 06:47	WG2243768
1,2-Dibromo-3-Chloropropane	U		39.0	250	400	03/11/2024 06:47	WG2243768
1,2-Dibromoethane	U		6.48	25.0	400	03/11/2024 06:47	WG2243768
Dibromomethane	U		7.50	50.0	400	03/11/2024 06:47	WG2243768
1,2-Dichlorobenzene	U		4.25	50.0	400	03/11/2024 06:47	WG2243768
1,3-Dichlorobenzene	U		6.00	50.0	400	03/11/2024 06:47	WG2243768
1,4-Dichlorobenzene	U		7.00	50.0	400	03/11/2024 06:47	WG2243768
Dichlorodifluoromethane	U		16.1	25.0	400	03/11/2024 06:47	WG2243768
1,1-Dichloroethane	U		4.91	25.0	400	03/11/2024 06:47	WG2243768
1,2-Dichloroethane	U		6.49	25.0	400	03/11/2024 06:47	WG2243768
1,1-Dichloroethene	U		6.06	25.0	400	03/11/2024 06:47	WG2243768
cis-1,2-Dichloroethene	U		7.34	25.0	400	03/11/2024 06:47	WG2243768
trans-1,2-Dichloroethene	U		10.4	50.0	400	03/11/2024 06:47	WG2243768
1,2-Dichloropropane	U		14.2	50.0	400	03/11/2024 06:47	WG2243768
1,1-Dichloropropene	U		8.09	25.0	400	03/11/2024 06:47	WG2243768
1,3-Dichloropropane	U		5.01	50.0	400	03/11/2024 06:47	WG2243768
cis-1,3-Dichloropropene	U		7.57	25.0	400	03/11/2024 06:47	WG2243768
trans-1,3-Dichloropropene	U		11.4	50.0	400	03/11/2024 06:47	WG2243768
2,2-Dichloropropane	U		13.8	25.0	400	03/11/2024 06:47	WG2243768
Dicyclopentadiene	U		16.5	125	400	03/11/2024 06:47	WG2243768
Di-isopropyl ether	U		4.10	10.0	400	03/11/2024 06:47	WG2243768
Ethylbenzene	88.6		7.37	25.0	400	03/11/2024 06:47	WG2243768
4-Ethyltoluene	89.6		23.2	50.0	400	03/11/2024 06:47	WG2243768
Hexachloro-1,3-butadiene	U		60.0	250	400	03/11/2024 06:47	WG2243768
n-Hexane	76.5		22.6	50.0	400	03/11/2024 06:47	WG2243768
Isopropylbenzene	7.53	E4	4.25	25.0	400	03/11/2024 06:47	WG2243768
p-Isopropyltoluene	U		25.5	50.0	400	03/11/2024 06:47	WG2243768
2-Butanone (MEK)	U		635	1000	400	03/11/2024 06:47	WG2243768
Methylene Chloride	U		66.4	250	400	03/11/2024 06:47	WG2243768
4-Methyl-2-pentanone (MIBK)	U		22.8	250	400	03/11/2024 06:47	WG2243768
Methyl tert-butyl ether	U		3.50	10.0	400	03/11/2024 06:47	WG2243768
Methyl Cyclohexane	99.2		20.6	50.0	400	03/11/2024 06:47	WG2243768
Naphthalene	U		48.8	125	400	03/11/2024 06:47	WG2243768
Propene	U		61.2	500	400	03/11/2024 06:47	WG2243768
n-Propylbenzene	20.2	E4	9.50	50.0	400	03/11/2024 06:47	WG2243768
Styrene	U		2.29	125	400	03/11/2024 06:47	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		9.48	25.0	400	03/11/2024 06:47	WG2243768
1,1,2,2-Tetrachloroethane	U		6.95	25.0	400	03/11/2024 06:47	WG2243768
1,1,2-Trichlorotrifluoroethane	U		7.54	25.0	400	03/11/2024 06:47	WG2243768
Tetrachloroethene	U		8.96	25.0	400	03/11/2024 06:47	WG2243768
Toluene	327		13.0	50.0	400	03/11/2024 06:47	WG2243768
1,2,3-Trichlorobenzene	U		73.3	125	400	03/11/2024 06:47	WG2243768
1,2,4-Trichlorobenzene	U		44.0	125	400	03/11/2024 06:47	WG2243768
1,1,1-Trichloroethane	U		9.23	25.0	400	03/11/2024 06:47	WG2243768
1,1,2-Trichloroethane	U		5.97	25.0	400	03/11/2024 06:47	WG2243768
Trichloroethene	U		5.84	10.0	400	03/11/2024 06:47	WG2243768
Trichlorofluoromethane	U		8.27	25.0	400	03/11/2024 06:47	WG2243768
1,2,3-Trichloropropane	U		16.2	125	400	03/11/2024 06:47	WG2243768
1,2,4-Trimethylbenzene	89.4		15.8	50.0	400	03/11/2024 06:47	WG2243768
1,2,3-Trimethylbenzene	17.0	E4	15.8	50.0	400	03/11/2024 06:47	WG2243768
1,3,5-Trimethylbenzene	24.3	E4	20.0	50.0	400	03/11/2024 06:47	WG2243768
Vinyl chloride	U		11.6	25.0	400	03/11/2024 06:47	WG2243768
Xylenes, Total	370		8.80	65.0	400	03/11/2024 06:47	WG2243768
(S) Toluene-d8	*104*			*75.0-131*		*03/11/2024 06:47*	WG2243768
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*03/11/2024 06:47*	WG2243768
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*03/11/2024 06:47*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.995	1.36	1.09	03/07/2024 15:15	WG2241678
Acrylonitrile	U		0.0984	0.341	1.09	03/07/2024 15:15	WG2241678
Benzene	0.977		0.0127	0.0273	1.09	03/07/2024 15:15	WG2241678
Bromobenzene	U		0.0245	0.341	1.09	03/07/2024 15:15	WG2241678
Bromodichloromethane	U		0.0198	0.0681	1.09	03/07/2024 15:15	WG2241678
Bromoform	U		0.0319	0.681	1.09	03/07/2024 15:15	WG2241678
Bromomethane	U		0.0537	0.341	1.09	03/07/2024 15:15	WG2241678
1,3-Butadiene	U		0.140	0.681	1.09	03/07/2024 15:15	WG2241678
n-Butylbenzene	U		0.143	0.341	1.09	03/07/2024 15:15	WG2241678
sec-Butylbenzene	U		0.0785	0.341	1.09	03/07/2024 15:15	WG2241678
tert-Butylbenzene	U		0.0531	0.136	1.09	03/07/2024 15:15	WG2241678
Carbon disulfide	U		0.0191	0.341	1.09	03/07/2024 15:15	WG2241678
Carbon tetrachloride	U		0.0245	0.136	1.09	03/07/2024 15:15	WG2241678
Chlorobenzene	U		0.00572	0.0681	1.09	03/07/2024 15:15	WG2241678
Chlorodibromomethane	U		0.0167	0.0681	1.09	03/07/2024 15:15	WG2241678
Chloroethane	U		0.0463	0.136	1.09	03/07/2024 15:15	WG2241678
Chloroform	U		0.0281	0.0681	1.09	03/07/2024 15:15	WG2241678
Chloromethane	U		0.119	0.341	1.09	03/07/2024 15:15	WG2241678
2-Chlorotoluene	U		0.0236	0.0681	1.09	03/07/2024 15:15	WG2241678
4-Chlorotoluene	U		0.0123	0.136	1.09	03/07/2024 15:15	WG2241678
Cyclohexane	0.883		0.0302	0.0681	1.09	03/07/2024 15:15	WG2241678
1,2-Dibromo-3-Chloropropane	U		0.106	0.681	1.09	03/07/2024 15:15	WG2241678
1,2-Dibromoethane	U		0.0177	0.0681	1.09	03/07/2024 15:15	WG2241678
Dibromomethane	U		0.0204	0.136	1.09	03/07/2024 15:15	WG2241678
1,2-Dichlorobenzene	U		0.0116	0.136	1.09	03/07/2024 15:15	WG2241678
1,3-Dichlorobenzene	U		0.0164	0.136	1.09	03/07/2024 15:15	WG2241678
1,4-Dichlorobenzene	U		0.0191	0.136	1.09	03/07/2024 15:15	WG2241678
Dichlorodifluoromethane	U		0.0439	0.0681	1.09	03/07/2024 15:15	WG2241678
1,1-Dichloroethane	U		0.0134	0.0681	1.09	03/07/2024 15:15	WG2241678
1,2-Dichloroethane	U		0.0177	0.0681	1.09	03/07/2024 15:15	WG2241678
1,1-Dichloroethene	U		0.0165	0.0681	1.09	03/07/2024 15:15	WG2241678
cis-1,2-Dichloroethene	U		0.0200	0.0681	1.09	03/07/2024 15:15	WG2241678
trans-1,2-Dichloroethene	U		0.0283	0.136	1.09	03/07/2024 15:15	WG2241678
1,2-Dichloropropane	U		0.0387	0.136	1.09	03/07/2024 15:15	WG2241678
1,1-Dichloropropene	U		0.0220	0.0681	1.09	03/07/2024 15:15	WG2241678
1,3-Dichloropropane	U		0.0137	0.136	1.09	03/07/2024 15:15	WG2241678
cis-1,3-Dichloropropene	U		0.0206	0.0681	1.09	03/07/2024 15:15	WG2241678
trans-1,3-Dichloropropene	U		0.0311	0.136	1.09	03/07/2024 15:15	WG2241678
2,2-Dichloropropane	U		0.0376	0.0681	1.09	03/07/2024 15:15	WG2241678
Dicyclopentadiene	U	L2	0.0450	0.341	1.09	03/07/2024 15:15	WG2241678
Di-isopropyl ether	U		0.0112	0.0273	1.09	03/07/2024 15:15	WG2241678
Ethylbenzene	1.27		0.0201	0.0681	1.09	03/07/2024 15:15	WG2241678
4-Ethyltoluene	0.920		0.0632	0.136	1.09	03/07/2024 15:15	WG2241678
Hexachloro-1,3-butadiene	U		0.164	0.681	1.09	03/07/2024 15:15	WG2241678
n-Hexane	0.809		0.0616	0.136	1.09	03/07/2024 15:15	WG2241678
Isopropylbenzene	0.0853		0.0116	0.0681	1.09	03/07/2024 15:15	WG2241678
p-Isopropyltoluene	U		0.0695	0.136	1.09	03/07/2024 15:15	WG2241678
2-Butanone (MEK)	U		1.73	2.73	1.09	03/07/2024 15:15	WG2241678
Methylene Chloride	U		0.181	0.681	1.09	03/07/2024 15:15	WG2241678
4-Methyl-2-pentanone (MIBK)	U		0.0621	0.681	1.09	03/07/2024 15:15	WG2241678
Methyl tert-butyl ether	U		0.00954	0.0273	1.09	03/07/2024 15:15	WG2241678
Methyl Cyclohexane	1.23		0.0561	0.136	1.09	03/07/2024 15:15	WG2241678
Naphthalene	U		0.133	0.341	1.09	03/07/2024 15:15	WG2241678
Propene	U	R7	0.167	1.36	1.09	03/07/2024 15:15	WG2241678
n-Propylbenzene	0.226		0.0259	0.136	1.09	03/07/2024 15:15	WG2241678
Styrene	U		0.00624	0.341	1.09	03/07/2024 15:15	WG2241678

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0258	0.0681	1.09	03/07/2024 15:15	WG2241678
1,1,2,2-Tetrachloroethane	U		0.0189	0.0681	1.09	03/07/2024 15:15	WG2241678
1,1,2-Trichlorotrifluoroethane	U		0.0205	0.0681	1.09	03/07/2024 15:15	WG2241678
Tetrachloroethene	U		0.0244	0.0681	1.09	03/07/2024 15:15	WG2241678
Toluene	8.68		0.709	2.73	21.8	03/11/2024 05:12	WG2243768
1,2,3-Trichlorobenzene	U		0.200	0.341	1.09	03/07/2024 15:15	WG2241678
1,2,4-Trichlorobenzene	U		0.120	0.341	1.09	03/07/2024 15:15	WG2241678
1,1,1-Trichloroethane	U		0.0252	0.0681	1.09	03/07/2024 15:15	WG2241678
1,1,2-Trichloroethane	U		0.0163	0.0681	1.09	03/07/2024 15:15	WG2241678
Trichloroethene	U		0.0159	0.0273	1.09	03/07/2024 15:15	WG2241678
Trichlorofluoromethane	U		0.0225	0.0681	1.09	03/07/2024 15:15	WG2241678
1,2,3-Trichloropropane	U		0.0441	0.341	1.09	03/07/2024 15:15	WG2241678
1,2,4-Trimethylbenzene	0.938		0.0431	0.136	1.09	03/07/2024 15:15	WG2241678
1,2,3-Trimethylbenzene	0.186		0.0431	0.136	1.09	03/07/2024 15:15	WG2241678
1,3,5-Trimethylbenzene	0.274		0.0545	0.136	1.09	03/07/2024 15:15	WG2241678
Vinyl chloride	U		0.0316	0.0681	1.09	03/07/2024 15:15	WG2241678
Xylenes, Total	4.94		0.0240	0.177	1.09	03/07/2024 15:15	WG2241678
(S) Toluene-d8	*108*			*75.0-131*		*03/07/2024 15:15*	WG2241678
(S) Toluene-d8	*101*			*75.0-131*		*03/11/2024 05:12*	WG2243768
(S) 4-Bromofluorobenzene	*94.1*			*67.0-138*		*03/07/2024 15:15*	WG2241678
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*03/11/2024 05:12*	WG2243768
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*03/07/2024 15:15*	WG2241678
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*03/11/2024 05:12*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		730	1000	800	03/11/2024 07:06	WG2243768
Acrylonitrile	U		72.2	250	800	03/11/2024 07:06	WG2243768
Benzene	61.7		9.34	20.0	800	03/11/2024 07:06	WG2243768
Bromobenzene	U		18.0	250	800	03/11/2024 07:06	WG2243768
Bromodichloromethane	U		14.5	50.0	800	03/11/2024 07:06	WG2243768
Bromoform	U		23.4	500	800	03/11/2024 07:06	WG2243768
Bromomethane	U		39.4	250	800	03/11/2024 07:06	WG2243768
1,3-Butadiene	U		103	500	800	03/11/2024 07:06	WG2243768
n-Butylbenzene	U		105	250	800	03/11/2024 07:06	WG2243768
sec-Butylbenzene	U		57.6	250	800	03/11/2024 07:06	WG2243768
tert-Butylbenzene	U		39.0	100	800	03/11/2024 07:06	WG2243768
Carbon disulfide	U		14.0	250	800	03/11/2024 07:06	WG2243768
Carbon tetrachloride	U		18.0	100	800	03/11/2024 07:06	WG2243768
Chlorobenzene	U		4.20	50.0	800	03/11/2024 07:06	WG2243768
Chlorodibromomethane	U		12.2	50.0	800	03/11/2024 07:06	WG2243768
Chloroethane	U		34.0	100	800	03/11/2024 07:06	WG2243768
Chloroform	U		20.6	50.0	800	03/11/2024 07:06	WG2243768
Chloromethane	U		87.0	250	800	03/11/2024 07:06	WG2243768
2-Chlorotoluene	U		17.3	50.0	800	03/11/2024 07:06	WG2243768
4-Chlorotoluene	U		9.00	100	800	03/11/2024 07:06	WG2243768
Cyclohexane	160		22.2	50.0	800	03/11/2024 07:06	WG2243768
1,2-Dibromo-3-Chloropropane	U		78.0	500	800	03/11/2024 07:06	WG2243768
1,2-Dibromoethane	U		13.0	50.0	800	03/11/2024 07:06	WG2243768
Dibromomethane	U		15.0	100	800	03/11/2024 07:06	WG2243768
1,2-Dichlorobenzene	U		8.50	100	800	03/11/2024 07:06	WG2243768
1,3-Dichlorobenzene	U		12.0	100	800	03/11/2024 07:06	WG2243768
1,4-Dichlorobenzene	U		14.0	100	800	03/11/2024 07:06	WG2243768
Dichlorodifluoromethane	U		32.2	50.0	800	03/11/2024 07:06	WG2243768
1,1-Dichloroethane	U		9.82	50.0	800	03/11/2024 07:06	WG2243768
1,2-Dichloroethane	U		13.0	50.0	800	03/11/2024 07:06	WG2243768
1,1-Dichloroethene	U		12.1	50.0	800	03/11/2024 07:06	WG2243768
cis-1,2-Dichloroethene	U		14.7	50.0	800	03/11/2024 07:06	WG2243768
trans-1,2-Dichloroethene	U		20.8	100	800	03/11/2024 07:06	WG2243768
1,2-Dichloropropane	U		28.4	100	800	03/11/2024 07:06	WG2243768
1,1-Dichloropropene	U		16.2	50.0	800	03/11/2024 07:06	WG2243768
1,3-Dichloropropane	U		10.0	100	800	03/11/2024 07:06	WG2243768
cis-1,3-Dichloropropene	U		15.1	50.0	800	03/11/2024 07:06	WG2243768
trans-1,3-Dichloropropene	U		22.8	100	800	03/11/2024 07:06	WG2243768
2,2-Dichloropropane	U		27.6	50.0	800	03/11/2024 07:06	WG2243768
Dicyclopentadiene	U		33.0	250	800	03/11/2024 07:06	WG2243768
Di-isopropyl ether	U		8.20	20.0	800	03/11/2024 07:06	WG2243768
Ethylbenzene	89.1		14.7	50.0	800	03/11/2024 07:06	WG2243768
4-Ethyltoluene	U		46.4	100	800	03/11/2024 07:06	WG2243768
Hexachloro-1,3-butadiene	U		120	500	800	03/11/2024 07:06	WG2243768
n-Hexane	235		45.2	100	800	03/11/2024 07:06	WG2243768
Isopropylbenzene	U		8.50	50.0	800	03/11/2024 07:06	WG2243768
p-Isopropyltoluene	U		51.0	100	800	03/11/2024 07:06	WG2243768
2-Butanone (MEK)	U		1270	2000	800	03/11/2024 07:06	WG2243768
Methylene Chloride	U		133	500	800	03/11/2024 07:06	WG2243768
4-Methyl-2-pentanone (MIBK)	U		45.6	500	800	03/11/2024 07:06	WG2243768
Methyl tert-butyl ether	U		7.00	20.0	800	03/11/2024 07:06	WG2243768
Methyl Cyclohexane	194		41.2	100	800	03/11/2024 07:06	WG2243768
Naphthalene	U		97.6	250	800	03/11/2024 07:06	WG2243768
Propene	U		122	1000	800	03/11/2024 07:06	WG2243768
n-Propylbenzene	U		19.0	100	800	03/11/2024 07:06	WG2243768
Styrene	U		4.58	250	800	03/11/2024 07:06	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		19.0	50.0	800	03/11/2024 07:06	WG2243768
1,1,2,2-Tetrachloroethane	U		13.9	50.0	800	03/11/2024 07:06	WG2243768
1,1,2-Trichlorotrifluoroethane	U		15.1	50.0	800	03/11/2024 07:06	WG2243768
Tetrachloroethene	U		17.9	50.0	800	03/11/2024 07:06	WG2243768
Toluene	556		26.0	100	800	03/11/2024 07:06	WG2243768
1,2,3-Trichlorobenzene	U		147	250	800	03/11/2024 07:06	WG2243768
1,2,4-Trichlorobenzene	U		88.0	250	800	03/11/2024 07:06	WG2243768
1,1,1-Trichloroethane	U		18.5	50.0	800	03/11/2024 07:06	WG2243768
1,1,2-Trichloroethane	U		11.9	50.0	800	03/11/2024 07:06	WG2243768
Trichloroethene	U		11.7	20.0	800	03/11/2024 07:06	WG2243768
Trichlorofluoromethane	U		16.5	50.0	800	03/11/2024 07:06	WG2243768
1,2,3-Trichloropropane	U		32.4	250	800	03/11/2024 07:06	WG2243768
1,2,4-Trimethylbenzene	31.6	E4	31.6	100	800	03/11/2024 07:06	WG2243768
1,2,3-Trimethylbenzene	U		31.6	100	800	03/11/2024 07:06	WG2243768
1,3,5-Trimethylbenzene	U		40.0	100	800	03/11/2024 07:06	WG2243768
Vinyl chloride	U		23.2	50.0	800	03/11/2024 07:06	WG2243768
Xylenes, Total	324		17.6	130	800	03/11/2024 07:06	WG2243768
(S) Toluene-d8	*104*			*75.0-131*		*03/11/2024 07:06*	WG2243768
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/11/2024 07:06*	WG2243768
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*03/11/2024 07:06*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		94.0	129	103	03/11/2024 05:50	WG2243768
Acrylonitrile	U		9.30	32.2	103	03/11/2024 05:50	WG2243768
Benzene	9.17		1.20	2.58	103	03/11/2024 05:50	WG2243768
Bromobenzene	U		2.32	32.2	103	03/11/2024 05:50	WG2243768
Bromodichloromethane	U		1.87	6.44	103	03/11/2024 05:50	WG2243768
Bromoform	U		3.01	64.4	103	03/11/2024 05:50	WG2243768
Bromomethane	U		5.07	32.2	103	03/11/2024 05:50	WG2243768
1,3-Butadiene	U		13.2	64.4	103	03/11/2024 05:50	WG2243768
n-Butylbenzene	U		13.5	32.2	103	03/11/2024 05:50	WG2243768
sec-Butylbenzene	U		7.42	32.2	103	03/11/2024 05:50	WG2243768
tert-Butylbenzene	U		5.02	12.9	103	03/11/2024 05:50	WG2243768
Carbon disulfide	U		1.80	32.2	103	03/11/2024 05:50	WG2243768
Carbon tetrachloride	U		2.31	12.9	103	03/11/2024 05:50	WG2243768
Chlorobenzene	U		0.541	6.44	103	03/11/2024 05:50	WG2243768
Chlorodibromomethane	U		1.58	6.44	103	03/11/2024 05:50	WG2243768
Chloroethane	U		4.38	12.9	103	03/11/2024 05:50	WG2243768
Chloroform	U		2.65	6.44	103	03/11/2024 05:50	WG2243768
Chloromethane	U		11.2	32.2	103	03/11/2024 05:50	WG2243768
2-Chlorotoluene	U		2.23	6.44	103	03/11/2024 05:50	WG2243768
4-Chlorotoluene	U		1.16	12.9	103	03/11/2024 05:50	WG2243768
Cyclohexane	18.5		2.86	6.44	103	03/11/2024 05:50	WG2243768
1,2-Dibromo-3-Chloropropane	U		10.0	64.4	103	03/11/2024 05:50	WG2243768
1,2-Dibromoethane	U		1.67	6.44	103	03/11/2024 05:50	WG2243768
Dibromomethane	U		1.93	12.9	103	03/11/2024 05:50	WG2243768
1,2-Dichlorobenzene	U		1.09	12.9	103	03/11/2024 05:50	WG2243768
1,3-Dichlorobenzene	U		1.55	12.9	103	03/11/2024 05:50	WG2243768
1,4-Dichlorobenzene	U		1.80	12.9	103	03/11/2024 05:50	WG2243768
Dichlorodifluoromethane	U		4.15	6.44	103	03/11/2024 05:50	WG2243768
1,1-Dichloroethane	U		1.26	6.44	103	03/11/2024 05:50	WG2243768
1,2-Dichloroethane	U		1.67	6.44	103	03/11/2024 05:50	WG2243768
1,1-Dichloroethene	U		1.56	6.44	103	03/11/2024 05:50	WG2243768
cis-1,2-Dichloroethene	U		1.89	6.44	103	03/11/2024 05:50	WG2243768
trans-1,2-Dichloroethene	U		2.68	12.9	103	03/11/2024 05:50	WG2243768
1,2-Dichloropropane	U		3.66	12.9	103	03/11/2024 05:50	WG2243768
1,1-Dichloropropene	U		2.08	6.44	103	03/11/2024 05:50	WG2243768
1,3-Dichloropropane	U		1.29	12.9	103	03/11/2024 05:50	WG2243768
cis-1,3-Dichloropropene	U		1.95	6.44	103	03/11/2024 05:50	WG2243768
trans-1,3-Dichloropropene	U		2.94	12.9	103	03/11/2024 05:50	WG2243768
2,2-Dichloropropane	U		3.55	6.44	103	03/11/2024 05:50	WG2243768
Dicyclopentadiene	U		4.25	32.2	103	03/11/2024 05:50	WG2243768
Di-isopropyl ether	U		1.06	2.58	103	03/11/2024 05:50	WG2243768
Ethylbenzene	22.8		1.90	6.44	103	03/11/2024 05:50	WG2243768
4-Ethyltoluene	20.6		5.97	12.9	103	03/11/2024 05:50	WG2243768
Hexachloro-1,3-butadiene	U		15.5	64.4	103	03/11/2024 05:50	WG2243768
n-Hexane	21.6		5.82	12.9	103	03/11/2024 05:50	WG2243768
Isopropylbenzene	1.92	E4	1.09	6.44	103	03/11/2024 05:50	WG2243768
p-Isopropyltoluene	U		6.57	12.9	103	03/11/2024 05:50	WG2243768
2-Butanone (MEK)	U		164	258	103	03/11/2024 05:50	WG2243768
Methylene Chloride	U		17.1	64.4	103	03/11/2024 05:50	WG2243768
4-Methyl-2-pentanone (MIBK)	U		5.87	64.4	103	03/11/2024 05:50	WG2243768
Methyl tert-butyl ether	U		0.901	2.58	103	03/11/2024 05:50	WG2243768
Methyl Cyclohexane	30.2		5.30	12.9	103	03/11/2024 05:50	WG2243768
Naphthalene	U		12.6	32.2	103	03/11/2024 05:50	WG2243768
Propene	U		15.8	129	103	03/11/2024 05:50	WG2243768
n-Propylbenzene	4.73	E4	2.45	12.9	103	03/11/2024 05:50	WG2243768
Styrene	0.981	E4	0.590	32.2	103	03/11/2024 05:50	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		2.44	6.44	103	03/11/2024 05:50	WG2243768
1,1,2,2-Tetrachloroethane	U		1.79	6.44	103	03/11/2024 05:50	WG2243768
1,1,2-Trichlorotrifluoroethane	U		1.94	6.44	103	03/11/2024 05:50	WG2243768
Tetrachloroethene	U		2.31	6.44	103	03/11/2024 05:50	WG2243768
Toluene	101		3.35	12.9	103	03/11/2024 05:50	WG2243768
1,2,3-Trichlorobenzene	U		18.9	32.2	103	03/11/2024 05:50	WG2243768
1,2,4-Trichlorobenzene	U		11.3	32.2	103	03/11/2024 05:50	WG2243768
1,1,1-Trichloroethane	U		2.38	6.44	103	03/11/2024 05:50	WG2243768
1,1,2-Trichloroethane	U		1.54	6.44	103	03/11/2024 05:50	WG2243768
Trichloroethene	U		1.50	2.58	103	03/11/2024 05:50	WG2243768
Trichlorofluoromethane	U		2.13	6.44	103	03/11/2024 05:50	WG2243768
1,2,3-Trichloropropane	U		4.17	32.2	103	03/11/2024 05:50	WG2243768
1,2,4-Trimethylbenzene	20.0		4.07	12.9	103	03/11/2024 05:50	WG2243768
1,2,3-Trimethylbenzene	U		4.07	12.9	103	03/11/2024 05:50	WG2243768
1,3,5-Trimethylbenzene	5.50	E4	5.15	12.9	103	03/11/2024 05:50	WG2243768
Vinyl chloride	U		2.99	6.44	103	03/11/2024 05:50	WG2243768
Xylenes, Total	91.0		2.27	16.7	103	03/11/2024 05:50	WG2243768
(S) Toluene-d8	*104*			*75.0-131*		*03/11/2024 05:50*	WG2243768
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*03/11/2024 05:50*	WG2243768
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*03/11/2024 05:50*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		3650	5000	4000	03/11/2024 07:25	WG2243768
Acrylonitrile	U		361	1250	4000	03/11/2024 07:25	WG2243768
Benzene	92.9	E4	46.7	100	4000	03/11/2024 07:25	WG2243768
Bromobenzene	U		90.0	1250	4000	03/11/2024 07:25	WG2243768
Bromodichloromethane	U		72.5	250	4000	03/11/2024 07:25	WG2243768
Bromoform	U		117	2500	4000	03/11/2024 07:25	WG2243768
Bromomethane	U		197	1250	4000	03/11/2024 07:25	WG2243768
1,3-Butadiene	U		513	2500	4000	03/11/2024 07:25	WG2243768
n-Butylbenzene	U		525	1250	4000	03/11/2024 07:25	WG2243768
sec-Butylbenzene	U		288	1250	4000	03/11/2024 07:25	WG2243768
tert-Butylbenzene	U		195	500	4000	03/11/2024 07:25	WG2243768
Carbon disulfide	U		70.0	1250	4000	03/11/2024 07:25	WG2243768
Carbon tetrachloride	U		89.8	500	4000	03/11/2024 07:25	WG2243768
Chlorobenzene	U		21.0	250	4000	03/11/2024 07:25	WG2243768
Chlorodibromomethane	U		61.2	250	4000	03/11/2024 07:25	WG2243768
Chloroethane	U		170	500	4000	03/11/2024 07:25	WG2243768
Chloroform	U		103	250	4000	03/11/2024 07:25	WG2243768
Chloromethane	U		435	1250	4000	03/11/2024 07:25	WG2243768
2-Chlorotoluene	U		86.5	250	4000	03/11/2024 07:25	WG2243768
4-Chlorotoluene	U		45.0	500	4000	03/11/2024 07:25	WG2243768
Cyclohexane	234	E4	111	250	4000	03/11/2024 07:25	WG2243768
1,2-Dibromo-3-Chloropropane	U		390	2500	4000	03/11/2024 07:25	WG2243768
1,2-Dibromoethane	U		64.8	250	4000	03/11/2024 07:25	WG2243768
Dibromomethane	U		75.0	500	4000	03/11/2024 07:25	WG2243768
1,2-Dichlorobenzene	U		42.5	500	4000	03/11/2024 07:25	WG2243768
1,3-Dichlorobenzene	U		60.0	500	4000	03/11/2024 07:25	WG2243768
1,4-Dichlorobenzene	U		70.0	500	4000	03/11/2024 07:25	WG2243768
Dichlorodifluoromethane	U		161	250	4000	03/11/2024 07:25	WG2243768
1,1-Dichloroethane	U		49.1	250	4000	03/11/2024 07:25	WG2243768
1,2-Dichloroethane	U		64.9	250	4000	03/11/2024 07:25	WG2243768
1,1-Dichloroethene	U		60.6	250	4000	03/11/2024 07:25	WG2243768
cis-1,2-Dichloroethene	U		73.4	250	4000	03/11/2024 07:25	WG2243768
trans-1,2-Dichloroethene	U		104	500	4000	03/11/2024 07:25	WG2243768
1,2-Dichloropropane	U		142	500	4000	03/11/2024 07:25	WG2243768
1,1-Dichloropropene	U		80.9	250	4000	03/11/2024 07:25	WG2243768
1,3-Dichloropropane	U		50.1	500	4000	03/11/2024 07:25	WG2243768
cis-1,3-Dichloropropene	U		75.7	250	4000	03/11/2024 07:25	WG2243768
trans-1,3-Dichloropropene	U		114	500	4000	03/11/2024 07:25	WG2243768
2,2-Dichloropropane	U		138	250	4000	03/11/2024 07:25	WG2243768
Dicyclopentadiene	U		165	1250	4000	03/11/2024 07:25	WG2243768
Di-isopropyl ether	U		41.0	100	4000	03/11/2024 07:25	WG2243768
Ethylbenzene	359		73.7	250	4000	03/11/2024 07:25	WG2243768
4-Ethyltoluene	316	E4	232	500	4000	03/11/2024 07:25	WG2243768
Hexachloro-1,3-butadiene	U		600	2500	4000	03/11/2024 07:25	WG2243768
n-Hexane	244	E4	226	500	4000	03/11/2024 07:25	WG2243768
Isopropylbenzene	U		42.5	250	4000	03/11/2024 07:25	WG2243768
p-Isopropyltoluene	U		255	500	4000	03/11/2024 07:25	WG2243768
2-Butanone (MEK)	U		6350	10000	4000	03/11/2024 07:25	WG2243768
Methylene Chloride	U		664	2500	4000	03/11/2024 07:25	WG2243768
4-Methyl-2-pentanone (MIBK)	U		228	2500	4000	03/11/2024 07:25	WG2243768
Methyl tert-butyl ether	U		35.0	100	4000	03/11/2024 07:25	WG2243768
Methyl Cyclohexane	371	E4	206	500	4000	03/11/2024 07:25	WG2243768
Naphthalene	U		488	1250	4000	03/11/2024 07:25	WG2243768
Propene	U		612	5000	4000	03/11/2024 07:25	WG2243768
n-Propylbenzene	U		95.0	500	4000	03/11/2024 07:25	WG2243768
Styrene	U		22.9	1250	4000	03/11/2024 07:25	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		94.8	250	4000	03/11/2024 07:25	WG2243768
1,1,2,2-Tetrachloroethane	U		69.5	250	4000	03/11/2024 07:25	WG2243768
1,1,2-Trichlorotrifluoroethane	U		75.4	250	4000	03/11/2024 07:25	WG2243768
Tetrachloroethene	U		89.6	250	4000	03/11/2024 07:25	WG2243768
Toluene	1410		130	500	4000	03/11/2024 07:25	WG2243768
1,2,3-Trichlorobenzene	U		733	1250	4000	03/11/2024 07:25	WG2243768
1,2,4-Trichlorobenzene	U		440	1250	4000	03/11/2024 07:25	WG2243768
1,1,1-Trichloroethane	U		92.3	250	4000	03/11/2024 07:25	WG2243768
1,1,2-Trichloroethane	U		59.7	250	4000	03/11/2024 07:25	WG2243768
Trichloroethene	U		58.4	100	4000	03/11/2024 07:25	WG2243768
Trichlorofluoromethane	U		82.7	250	4000	03/11/2024 07:25	WG2243768
1,2,3-Trichloropropane	U		162	1250	4000	03/11/2024 07:25	WG2243768
1,2,4-Trimethylbenzene	294	E4	158	500	4000	03/11/2024 07:25	WG2243768
1,2,3-Trimethylbenzene	U		158	500	4000	03/11/2024 07:25	WG2243768
1,3,5-Trimethylbenzene	U		200	500	4000	03/11/2024 07:25	WG2243768
Vinyl chloride	U		116	250	4000	03/11/2024 07:25	WG2243768
Xylenes, Total	1440		88.0	650	4000	03/11/2024 07:25	WG2243768
(S) Toluene-d8	*102*			*75.0-131*		*03/11/2024 07:25*	WG2243768
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/11/2024 07:25*	WG2243768
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*		*03/11/2024 07:25*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		18.4	25.3	20.2	03/11/2024 05:31	WG2243768
Acrylonitrile	U		1.82	6.31	20.2	03/11/2024 05:31	WG2243768
Benzene	0.848		0.236	0.505	20.2	03/11/2024 05:31	WG2243768
Bromobenzene	U		0.455	6.31	20.2	03/11/2024 05:31	WG2243768
Bromodichloromethane	U		0.366	1.26	20.2	03/11/2024 05:31	WG2243768
Bromoform	U		0.591	12.6	20.2	03/11/2024 05:31	WG2243768
Bromomethane	U		0.995	6.31	20.2	03/11/2024 05:31	WG2243768
1,3-Butadiene	U		2.59	12.6	20.2	03/11/2024 05:31	WG2243768
n-Butylbenzene	U		2.65	6.31	20.2	03/11/2024 05:31	WG2243768
sec-Butylbenzene	U		1.45	6.31	20.2	03/11/2024 05:31	WG2243768
tert-Butylbenzene	U		0.985	2.53	20.2	03/11/2024 05:31	WG2243768
Carbon disulfide	U		0.354	6.31	20.2	03/11/2024 05:31	WG2243768
Carbon tetrachloride	U		0.453	2.53	20.2	03/11/2024 05:31	WG2243768
Chlorobenzene	U		0.106	1.26	20.2	03/11/2024 05:31	WG2243768
Chlorodibromomethane	U		0.309	1.26	20.2	03/11/2024 05:31	WG2243768
Chloroethane	U		0.859	2.53	20.2	03/11/2024 05:31	WG2243768
Chloroform	U		0.520	1.26	20.2	03/11/2024 05:31	WG2243768
Chloromethane	U		2.20	6.31	20.2	03/11/2024 05:31	WG2243768
2-Chlorotoluene	U		0.437	1.26	20.2	03/11/2024 05:31	WG2243768
4-Chlorotoluene	U		0.227	2.53	20.2	03/11/2024 05:31	WG2243768
Cyclohexane	0.629	E4	0.561	1.26	20.2	03/11/2024 05:31	WG2243768
1,2-Dibromo-3-Chloropropane	U		1.97	12.6	20.2	03/11/2024 05:31	WG2243768
1,2-Dibromoethane	U		0.327	1.26	20.2	03/11/2024 05:31	WG2243768
Dibromomethane	U		0.379	2.53	20.2	03/11/2024 05:31	WG2243768
1,2-Dichlorobenzene	U		0.215	2.53	20.2	03/11/2024 05:31	WG2243768
1,3-Dichlorobenzene	U		0.303	2.53	20.2	03/11/2024 05:31	WG2243768
1,4-Dichlorobenzene	U		0.354	2.53	20.2	03/11/2024 05:31	WG2243768
Dichlorodifluoromethane	U		0.813	1.26	20.2	03/11/2024 05:31	WG2243768
1,1-Dichloroethane	U		0.248	1.26	20.2	03/11/2024 05:31	WG2243768
1,2-Dichloroethane	U		0.328	1.26	20.2	03/11/2024 05:31	WG2243768
1,1-Dichloroethene	U		0.306	1.26	20.2	03/11/2024 05:31	WG2243768
cis-1,2-Dichloroethene	U		0.371	1.26	20.2	03/11/2024 05:31	WG2243768
trans-1,2-Dichloroethene	U		0.525	2.53	20.2	03/11/2024 05:31	WG2243768
1,2-Dichloropropane	U		0.717	2.53	20.2	03/11/2024 05:31	WG2243768
1,1-Dichloropropene	U		0.409	1.26	20.2	03/11/2024 05:31	WG2243768
1,3-Dichloropropane	U		0.253	2.53	20.2	03/11/2024 05:31	WG2243768
cis-1,3-Dichloropropene	U		0.382	1.26	20.2	03/11/2024 05:31	WG2243768
trans-1,3-Dichloropropene	U		0.576	2.53	20.2	03/11/2024 05:31	WG2243768
2,2-Dichloropropane	U		0.697	1.26	20.2	03/11/2024 05:31	WG2243768
Dicyclopentadiene	U		0.833	6.31	20.2	03/11/2024 05:31	WG2243768
Di-isopropyl ether	U		0.207	0.505	20.2	03/11/2024 05:31	WG2243768
Ethylbenzene	2.52		0.372	1.26	20.2	03/11/2024 05:31	WG2243768
4-Ethyltoluene	3.83		1.17	2.53	20.2	03/11/2024 05:31	WG2243768
Hexachloro-1,3-butadiene	U		3.03	12.6	20.2	03/11/2024 05:31	WG2243768
n-Hexane	U		1.14	2.53	20.2	03/11/2024 05:31	WG2243768
Isopropylbenzene	0.302	E4	0.215	1.26	20.2	03/11/2024 05:31	WG2243768
p-Isopropyltoluene	U		1.29	2.53	20.2	03/11/2024 05:31	WG2243768
2-Butanone (MEK)	U		32.1	50.5	20.2	03/11/2024 05:31	WG2243768
Methylene Chloride	U		3.35	12.6	20.2	03/11/2024 05:31	WG2243768
4-Methyl-2-pentanone (MIBK)	U		1.15	12.6	20.2	03/11/2024 05:31	WG2243768
Methyl tert-butyl ether	U		0.177	0.505	20.2	03/11/2024 05:31	WG2243768
Methyl Cyclohexane	1.29	E4	1.04	2.53	20.2	03/11/2024 05:31	WG2243768
Naphthalene	U		2.46	6.31	20.2	03/11/2024 05:31	WG2243768
Propene	U		3.09	25.3	20.2	03/11/2024 05:31	WG2243768
n-Propylbenzene	0.886	E4	0.480	2.53	20.2	03/11/2024 05:31	WG2243768
Styrene	U		0.116	6.31	20.2	03/11/2024 05:31	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.479	1.26	20.2	03/11/2024 05:31	WG2243768
1,1,2,2-Tetrachloroethane	U		0.351	1.26	20.2	03/11/2024 05:31	WG2243768
1,1,2-Trichlorotrifluoroethane	U		0.381	1.26	20.2	03/11/2024 05:31	WG2243768
Tetrachloroethene	U		0.452	1.26	20.2	03/11/2024 05:31	WG2243768
Toluene	7.53		0.656	2.53	20.2	03/11/2024 05:31	WG2243768
1,2,3-Trichlorobenzene	U		3.70	6.31	20.2	03/11/2024 05:31	WG2243768
1,2,4-Trichlorobenzene	U		2.22	6.31	20.2	03/11/2024 05:31	WG2243768
1,1,1-Trichloroethane	U		0.466	1.26	20.2	03/11/2024 05:31	WG2243768
1,1,2-Trichloroethane	U		0.301	1.26	20.2	03/11/2024 05:31	WG2243768
Trichloroethene	U		0.295	0.505	20.2	03/11/2024 05:31	WG2243768
Trichlorofluoromethane	U		0.418	1.26	20.2	03/11/2024 05:31	WG2243768
1,2,3-Trichloropropane	U		0.818	6.31	20.2	03/11/2024 05:31	WG2243768
1,2,4-Trimethylbenzene	4.29		0.798	2.53	20.2	03/11/2024 05:31	WG2243768
1,2,3-Trimethylbenzene	0.906	E4	0.798	2.53	20.2	03/11/2024 05:31	WG2243768
1,3,5-Trimethylbenzene	1.20	E4	1.01	2.53	20.2	03/11/2024 05:31	WG2243768
Vinyl chloride	U		0.586	1.26	20.2	03/11/2024 05:31	WG2243768
Xylenes, Total	11.1		0.444	3.28	20.2	03/11/2024 05:31	WG2243768
(S) Toluene-d8	*103*			*75.0-131*		*03/11/2024 05:31*	WG2243768
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*03/11/2024 05:31*	WG2243768
(S) 1,2-Dichloroethane-d4	*98.2*			*70.0-130*		*03/11/2024 05:31*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		91.3	125	100	03/11/2024 06:09	WG2243768
Acrylonitrile	U		9.03	31.3	100	03/11/2024 06:09	WG2243768
Benzene	4.93		1.17	2.50	100	03/11/2024 06:09	WG2243768
Bromobenzene	U		2.25	31.3	100	03/11/2024 06:09	WG2243768
Bromodichloromethane	U		1.81	6.25	100	03/11/2024 06:09	WG2243768
Bromoform	U		2.93	62.5	100	03/11/2024 06:09	WG2243768
Bromomethane	U		4.93	31.3	100	03/11/2024 06:09	WG2243768
1,3-Butadiene	U		12.8	62.5	100	03/11/2024 06:09	WG2243768
n-Butylbenzene	13.9	E4	13.1	31.3	100	03/11/2024 06:09	WG2243768
sec-Butylbenzene	U		7.20	31.3	100	03/11/2024 06:09	WG2243768
tert-Butylbenzene	U		4.88	12.5	100	03/11/2024 06:09	WG2243768
Carbon disulfide	U		1.75	31.3	100	03/11/2024 06:09	WG2243768
Carbon tetrachloride	U		2.25	12.5	100	03/11/2024 06:09	WG2243768
Chlorobenzene	U		0.525	6.25	100	03/11/2024 06:09	WG2243768
Chlorodibromomethane	U		1.53	6.25	100	03/11/2024 06:09	WG2243768
Chloroethane	U		4.25	12.5	100	03/11/2024 06:09	WG2243768
Chloroform	U		2.57	6.25	100	03/11/2024 06:09	WG2243768
Chloromethane	U		10.9	31.3	100	03/11/2024 06:09	WG2243768
2-Chlorotoluene	U		2.16	6.25	100	03/11/2024 06:09	WG2243768
4-Chlorotoluene	U		1.13	12.5	100	03/11/2024 06:09	WG2243768
Cyclohexane	15.8		2.78	6.25	100	03/11/2024 06:09	WG2243768
1,2-Dibromo-3-Chloropropane	U		9.75	62.5	100	03/11/2024 06:09	WG2243768
1,2-Dibromoethane	U		1.62	6.25	100	03/11/2024 06:09	WG2243768
Dibromomethane	U		1.88	12.5	100	03/11/2024 06:09	WG2243768
1,2-Dichlorobenzene	U		1.06	12.5	100	03/11/2024 06:09	WG2243768
1,3-Dichlorobenzene	U		1.50	12.5	100	03/11/2024 06:09	WG2243768
1,4-Dichlorobenzene	U		1.75	12.5	100	03/11/2024 06:09	WG2243768
Dichlorodifluoromethane	U		4.03	6.25	100	03/11/2024 06:09	WG2243768
1,1-Dichloroethane	U		1.23	6.25	100	03/11/2024 06:09	WG2243768
1,2-Dichloroethane	U		1.62	6.25	100	03/11/2024 06:09	WG2243768
1,1-Dichloroethene	U		1.52	6.25	100	03/11/2024 06:09	WG2243768
cis-1,2-Dichloroethene	U		1.84	6.25	100	03/11/2024 06:09	WG2243768
trans-1,2-Dichloroethene	U		2.60	12.5	100	03/11/2024 06:09	WG2243768
1,2-Dichloropropane	U		3.55	12.5	100	03/11/2024 06:09	WG2243768
1,1-Dichloropropene	U		2.02	6.25	100	03/11/2024 06:09	WG2243768
1,3-Dichloropropane	U		1.25	12.5	100	03/11/2024 06:09	WG2243768
cis-1,3-Dichloropropene	U		1.89	6.25	100	03/11/2024 06:09	WG2243768
trans-1,3-Dichloropropene	U		2.85	12.5	100	03/11/2024 06:09	WG2243768
2,2-Dichloropropane	U		3.45	6.25	100	03/11/2024 06:09	WG2243768
Dicyclopentadiene	U		4.13	31.3	100	03/11/2024 06:09	WG2243768
Di-isopropyl ether	U		1.03	2.50	100	03/11/2024 06:09	WG2243768
Ethylbenzene	24.0		1.84	6.25	100	03/11/2024 06:09	WG2243768
4-Ethyltoluene	26.7		5.80	12.5	100	03/11/2024 06:09	WG2243768
Hexachloro-1,3-butadiene	U		15.0	62.5	100	03/11/2024 06:09	WG2243768
n-Hexane	22.2		5.65	12.5	100	03/11/2024 06:09	WG2243768
Isopropylbenzene	2.25	E4	1.06	6.25	100	03/11/2024 06:09	WG2243768
p-Isopropyltoluene	U		6.38	12.5	100	03/11/2024 06:09	WG2243768
2-Butanone (MEK)	U		159	250	100	03/11/2024 06:09	WG2243768
Methylene Chloride	U		16.6	62.5	100	03/11/2024 06:09	WG2243768
4-Methyl-2-pentanone (MIBK)	U		5.70	62.5	100	03/11/2024 06:09	WG2243768
Methyl tert-butyl ether	U		0.875	2.50	100	03/11/2024 06:09	WG2243768
Methyl Cyclohexane	27.2		5.15	12.5	100	03/11/2024 06:09	WG2243768
Naphthalene	U		12.2	31.3	100	03/11/2024 06:09	WG2243768
Propene	U		15.3	125	100	03/11/2024 06:09	WG2243768
n-Propylbenzene	6.00	E4	2.38	12.5	100	03/11/2024 06:09	WG2243768
Styrene	1.05	E4	0.573	31.3	100	03/11/2024 06:09	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		2.37	6.25	100	03/11/2024 06:09	WG2243768
1,1,2,2-Tetrachloroethane	U		1.74	6.25	100	03/11/2024 06:09	WG2243768
1,1,2-Trichlorotrifluoroethane	U		1.88	6.25	100	03/11/2024 06:09	WG2243768
Tetrachloroethene	U		2.24	6.25	100	03/11/2024 06:09	WG2243768
Toluene	77.6		3.25	12.5	100	03/11/2024 06:09	WG2243768
1,2,3-Trichlorobenzene	U		18.3	31.3	100	03/11/2024 06:09	WG2243768
1,2,4-Trichlorobenzene	U		11.0	31.3	100	03/11/2024 06:09	WG2243768
1,1,1-Trichloroethane	U		2.31	6.25	100	03/11/2024 06:09	WG2243768
1,1,2-Trichloroethane	U		1.49	6.25	100	03/11/2024 06:09	WG2243768
Trichloroethene	U		1.46	2.50	100	03/11/2024 06:09	WG2243768
Trichlorofluoromethane	U		2.07	6.25	100	03/11/2024 06:09	WG2243768
1,2,3-Trichloropropane	U		4.05	31.3	100	03/11/2024 06:09	WG2243768
1,2,4-Trimethylbenzene	28.7		3.95	12.5	100	03/11/2024 06:09	WG2243768
1,2,3-Trimethylbenzene	5.84	E4	3.95	12.5	100	03/11/2024 06:09	WG2243768
1,3,5-Trimethylbenzene	U		5.00	12.5	100	03/11/2024 06:09	WG2243768
Vinyl chloride	U		2.90	6.25	100	03/11/2024 06:09	WG2243768
Xylenes, Total	99.1		2.20	16.3	100	03/11/2024 06:09	WG2243768
(S) Toluene-d8	*101*			*75.0-131*		*03/11/2024 06:09*	WG2243768
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*03/11/2024 06:09*	WG2243768
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*03/11/2024 06:09*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		183	250	200	03/11/2024 06:28	WG2243768
Acrylonitrile	U		18.1	62.5	200	03/11/2024 06:28	WG2243768
Benzene	6.58		2.34	5.00	200	03/11/2024 06:28	WG2243768
Bromobenzene	U		4.50	62.5	200	03/11/2024 06:28	WG2243768
Bromodichloromethane	U		3.62	12.5	200	03/11/2024 06:28	WG2243768
Bromoform	U		5.85	125	200	03/11/2024 06:28	WG2243768
Bromomethane	U		9.85	62.5	200	03/11/2024 06:28	WG2243768
1,3-Butadiene	U		25.7	125	200	03/11/2024 06:28	WG2243768
n-Butylbenzene	U		26.3	62.5	200	03/11/2024 06:28	WG2243768
sec-Butylbenzene	U		14.4	62.5	200	03/11/2024 06:28	WG2243768
tert-Butylbenzene	U		9.75	25.0	200	03/11/2024 06:28	WG2243768
Carbon disulfide	U		3.50	62.5	200	03/11/2024 06:28	WG2243768
Carbon tetrachloride	U		4.49	25.0	200	03/11/2024 06:28	WG2243768
Chlorobenzene	U		1.05	12.5	200	03/11/2024 06:28	WG2243768
Chlorodibromomethane	U		3.06	12.5	200	03/11/2024 06:28	WG2243768
Chloroethane	U		8.50	25.0	200	03/11/2024 06:28	WG2243768
Chloroform	U		5.15	12.5	200	03/11/2024 06:28	WG2243768
Chloromethane	U		21.8	62.5	200	03/11/2024 06:28	WG2243768
2-Chlorotoluene	U		4.32	12.5	200	03/11/2024 06:28	WG2243768
4-Chlorotoluene	U		2.25	25.0	200	03/11/2024 06:28	WG2243768
Cyclohexane	15.3		5.55	12.5	200	03/11/2024 06:28	WG2243768
1,2-Dibromo-3-Chloropropane	U		19.5	125	200	03/11/2024 06:28	WG2243768
1,2-Dibromoethane	U		3.24	12.5	200	03/11/2024 06:28	WG2243768
Dibromomethane	U		3.75	25.0	200	03/11/2024 06:28	WG2243768
1,2-Dichlorobenzene	U		2.13	25.0	200	03/11/2024 06:28	WG2243768
1,3-Dichlorobenzene	U		3.00	25.0	200	03/11/2024 06:28	WG2243768
1,4-Dichlorobenzene	U		3.50	25.0	200	03/11/2024 06:28	WG2243768
Dichlorodifluoromethane	U		8.05	12.5	200	03/11/2024 06:28	WG2243768
1,1-Dichloroethane	U		2.46	12.5	200	03/11/2024 06:28	WG2243768
1,2-Dichloroethane	U		3.25	12.5	200	03/11/2024 06:28	WG2243768
1,1-Dichloroethene	U		3.03	12.5	200	03/11/2024 06:28	WG2243768
cis-1,2-Dichloroethene	U		3.67	12.5	200	03/11/2024 06:28	WG2243768
trans-1,2-Dichloroethene	U		5.20	25.0	200	03/11/2024 06:28	WG2243768
1,2-Dichloropropane	U		7.10	25.0	200	03/11/2024 06:28	WG2243768
1,1-Dichloropropene	U		4.05	12.5	200	03/11/2024 06:28	WG2243768
1,3-Dichloropropane	U		2.51	25.0	200	03/11/2024 06:28	WG2243768
cis-1,3-Dichloropropene	U		3.79	12.5	200	03/11/2024 06:28	WG2243768
trans-1,3-Dichloropropene	U		5.70	25.0	200	03/11/2024 06:28	WG2243768
2,2-Dichloropropane	U		6.90	12.5	200	03/11/2024 06:28	WG2243768
Dicyclopentadiene	U		8.25	62.5	200	03/11/2024 06:28	WG2243768
Di-isopropyl ether	U		2.05	5.00	200	03/11/2024 06:28	WG2243768
Ethylbenzene	27.0		3.69	12.5	200	03/11/2024 06:28	WG2243768
4-Ethyltoluene	27.6		11.6	25.0	200	03/11/2024 06:28	WG2243768
Hexachloro-1,3-butadiene	U		30.0	125	200	03/11/2024 06:28	WG2243768
n-Hexane	16.8	E4	11.3	25.0	200	03/11/2024 06:28	WG2243768
Isopropylbenzene	2.47	E4	2.13	12.5	200	03/11/2024 06:28	WG2243768
p-Isopropyltoluene	U		12.8	25.0	200	03/11/2024 06:28	WG2243768
2-Butanone (MEK)	U		318	500	200	03/11/2024 06:28	WG2243768
Methylene Chloride	U		33.2	125	200	03/11/2024 06:28	WG2243768
4-Methyl-2-pentanone (MIBK)	U		11.4	125	200	03/11/2024 06:28	WG2243768
Methyl tert-butyl ether	U		1.75	5.00	200	03/11/2024 06:28	WG2243768
Methyl Cyclohexane	28.7		10.3	25.0	200	03/11/2024 06:28	WG2243768
Naphthalene	U		24.4	62.5	200	03/11/2024 06:28	WG2243768
Propene	U		30.6	250	200	03/11/2024 06:28	WG2243768
n-Propylbenzene	6.41	E4	4.75	25.0	200	03/11/2024 06:28	WG2243768
Styrene	1.26	E4	1.15	62.5	200	03/11/2024 06:28	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		4.74	12.5	200	03/11/2024 06:28	WG2243768
1,1,2,2-Tetrachloroethane	U		3.48	12.5	200	03/11/2024 06:28	WG2243768
1,1,2-Trichlorotrifluoroethane	U		3.77	12.5	200	03/11/2024 06:28	WG2243768
Tetrachloroethene	U		4.48	12.5	200	03/11/2024 06:28	WG2243768
Toluene	100		6.50	25.0	200	03/11/2024 06:28	WG2243768
1,2,3-Trichlorobenzene	U		36.7	62.5	200	03/11/2024 06:28	WG2243768
1,2,4-Trichlorobenzene	U		22.0	62.5	200	03/11/2024 06:28	WG2243768
1,1,1-Trichloroethane	U		4.61	12.5	200	03/11/2024 06:28	WG2243768
1,1,2-Trichloroethane	U		2.99	12.5	200	03/11/2024 06:28	WG2243768
Trichloroethene	U		2.92	5.00	200	03/11/2024 06:28	WG2243768
Trichlorofluoromethane	U		4.14	12.5	200	03/11/2024 06:28	WG2243768
1,2,3-Trichloropropane	U		8.10	62.5	200	03/11/2024 06:28	WG2243768
1,2,4-Trimethylbenzene	29.2		7.90	25.0	200	03/11/2024 06:28	WG2243768
1,2,3-Trimethylbenzene	U		7.90	25.0	200	03/11/2024 06:28	WG2243768
1,3,5-Trimethylbenzene	U		10.0	25.0	200	03/11/2024 06:28	WG2243768
Vinyl chloride	U		5.80	12.5	200	03/11/2024 06:28	WG2243768
Xylenes, Total	112		4.40	32.5	200	03/11/2024 06:28	WG2243768
(S) Toluene-d8	*104*			*75.0-131*		*03/11/2024 06:28*	WG2243768
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/11/2024 06:28*	WG2243768
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*03/11/2024 06:28*	WG2243768

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/10/2024 01:07	WG2243098
Acrolein	U		2.54	50.0	1	03/10/2024 01:07	WG2243098
Acrylonitrile	U		0.671	10.0	1	03/10/2024 01:07	WG2243098
Benzene	0.159	E4	0.0941	1.00	1	03/10/2024 01:07	WG2243098
Bromobenzene	U		0.118	1.00	1	03/10/2024 01:07	WG2243098
Bromodichloromethane	U		0.136	1.00	1	03/10/2024 01:07	WG2243098
Bromoform	U		0.129	1.00	1	03/10/2024 01:07	WG2243098
Bromomethane	U		0.605	5.00	1	03/10/2024 01:07	WG2243098
1,3-Butadiene	U		0.299	2.00	1	03/10/2024 01:07	WG2243098
n-Butylbenzene	U		0.157	1.00	1	03/10/2024 01:07	WG2243098
sec-Butylbenzene	U		0.125	1.00	1	03/10/2024 01:07	WG2243098
tert-Butylbenzene	U		0.127	1.00	1	03/10/2024 01:07	WG2243098
Carbon tetrachloride	U		0.128	1.00	1	03/10/2024 01:07	WG2243098
Carbon disulfide	0.137	B1 E4	0.0962	1.00	1	03/10/2024 01:07	WG2243098
Chlorobenzene	U		0.116	1.00	1	03/10/2024 01:07	WG2243098
Chlorodibromomethane	U		0.140	1.00	1	03/10/2024 01:07	WG2243098
Chloroethane	U		0.192	5.00	1	03/10/2024 01:07	WG2243098
Chloroform	U		0.111	5.00	1	03/10/2024 01:07	WG2243098
Chloromethane	U		0.960	2.50	1	03/10/2024 01:07	WG2243098
Cyclohexane	U		0.188	1.00	1	03/10/2024 01:07	WG2243098
2-Chlorotoluene	U		0.106	1.00	1	03/10/2024 01:07	WG2243098
4-Chlorotoluene	U		0.114	1.00	1	03/10/2024 01:07	WG2243098
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/10/2024 01:07	WG2243098
1,2-Dibromoethane	U		0.126	1.00	1	03/10/2024 01:07	WG2243098
Dibromomethane	U		0.122	1.00	1	03/10/2024 01:07	WG2243098
1,2-Dichlorobenzene	U		0.107	1.00	1	03/10/2024 01:07	WG2243098
1,3-Dichlorobenzene	U		0.110	1.00	1	03/10/2024 01:07	WG2243098
1,4-Dichlorobenzene	U		0.120	1.00	1	03/10/2024 01:07	WG2243098
Dichlorodifluoromethane	U		0.374	5.00	1	03/10/2024 01:07	WG2243098
1,1-Dichloroethane	U		0.100	1.00	1	03/10/2024 01:07	WG2243098
1,2-Dichloroethane	U		0.0819	1.00	1	03/10/2024 01:07	WG2243098
1,1-Dichloroethene	U		0.188	1.00	1	03/10/2024 01:07	WG2243098
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/10/2024 01:07	WG2243098
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/10/2024 01:07	WG2243098
1,2-Dichloropropane	U		0.149	1.00	1	03/10/2024 01:07	WG2243098
1,1-Dichloropropene	U		0.142	1.00	1	03/10/2024 01:07	WG2243098
1,3-Dichloropropane	U		0.110	1.00	1	03/10/2024 01:07	WG2243098
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/10/2024 01:07	WG2243098
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/10/2024 01:07	WG2243098
2,2-Dichloropropane	U		0.161	1.00	1	03/10/2024 01:07	WG2243098
Dicyclopentadiene	U		0.253	1.00	1	03/10/2024 01:07	WG2243098
Di-isopropyl ether	U		0.105	1.00	1	03/10/2024 01:07	WG2243098
Ethylbenzene	U		0.137	1.00	1	03/10/2024 01:07	WG2243098
4-Ethyltoluene	U		0.208	1.00	1	03/10/2024 01:07	WG2243098
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/10/2024 01:07	WG2243098
n-Hexane	U		0.749	10.0	1	03/10/2024 01:07	WG2243098
Isopropylbenzene	U		0.105	1.00	1	03/10/2024 01:07	WG2243098
p-Isopropyltoluene	U		0.120	1.00	1	03/10/2024 01:07	WG2243098
2-Butanone (MEK)	U		1.19	10.0	1	03/10/2024 01:07	WG2243098
Methyl Cyclohexane	U		0.660	1.00	1	03/10/2024 01:07	WG2243098
Methylene Chloride	U		0.430	5.00	1	03/10/2024 01:07	WG2243098
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/10/2024 01:07	WG2243098
Methyl tert-butyl ether	U		0.101	1.00	1	03/10/2024 01:07	WG2243098
Naphthalene	U		1.00	5.00	1	03/10/2024 01:07	WG2243098
Propene	U		0.936	2.50	1	03/10/2024 01:07	WG2243098
n-Propylbenzene	U		0.0993	1.00	1	03/10/2024 01:07	WG2243098

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/10/2024 01:07	WG2243098
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/10/2024 01:07	WG2243098
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/10/2024 01:07	WG2243098
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/10/2024 01:07	WG2243098
Tetrachloroethene	U		0.300	1.00	1	03/10/2024 01:07	WG2243098
Toluene	0.399	E4	0.278	1.00	1	03/10/2024 01:07	WG2243098
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/10/2024 01:07	WG2243098
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/10/2024 01:07	WG2243098
1,1,1-Trichloroethane	U		0.149	1.00	1	03/10/2024 01:07	WG2243098
1,1,2-Trichloroethane	U		0.158	1.00	1	03/10/2024 01:07	WG2243098
Trichloroethene	U		0.190	1.00	1	03/10/2024 01:07	WG2243098
Trichlorofluoromethane	U		0.160	5.00	1	03/10/2024 01:07	WG2243098
1,2,3-Trichloropropane	U		0.237	2.50	1	03/10/2024 01:07	WG2243098
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/10/2024 01:07	WG2243098
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/10/2024 01:07	WG2243098
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/10/2024 01:07	WG2243098
Vinyl chloride	U		0.234	1.00	1	03/10/2024 01:07	WG2243098
Xylenes, Total	U		0.174	3.00	1	03/10/2024 01:07	WG2243098
(S) Toluene-d8	*109*			*80.0-120*		*03/10/2024 01:07*	WG2243098
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*03/10/2024 01:07*	WG2243098
(S) 1,2-Dichloroethane-d4	*92.5*			*70.0-130*		*03/10/2024 01:07*	WG2243098

Method Blank (MB)

(MB) R4043078-3 03/07/24 07:42

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4043078-3 03/07/24 07:42

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*94.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4043078-1 03/07/24 06:08 • (LCSD) R4043078-2 03/07/24 06:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.675	0.615	108	98.4	30.0-160			9.30	31
Acrylonitrile	0.625	0.610	0.656	97.6	105	45.0-153			7.27	22
Benzene	0.125	0.114	0.113	91.2	90.4	70.0-123			0.881	20
Bromobenzene	0.125	0.118	0.119	94.4	95.2	73.0-121			0.844	20
Bromodichloromethane	0.125	0.126	0.125	101	100	73.0-121			0.797	20
Bromoform	0.125	0.122	0.125	97.6	100	64.0-132			2.43	20
Bromomethane	0.125	0.114	0.107	91.2	85.6	56.0-147			6.33	20
1,3-Butadiene	0.125	0.108	0.108	86.4	86.4	32.0-150			0.000	20
n-Butylbenzene	0.125	0.123	0.119	98.4	95.2	68.0-135			3.31	20
sec-Butylbenzene	0.125	0.120	0.121	96.0	96.8	74.0-130			0.830	20
tert-Butylbenzene	0.125	0.119	0.115	95.2	92.0	75.0-127			3.42	20
Carbon disulfide	0.125	0.117	0.114	93.6	91.2	56.0-133			2.60	20
Carbon tetrachloride	0.125	0.131	0.128	105	102	66.0-128			2.32	20
Chlorobenzene	0.125	0.118	0.114	94.4	91.2	76.0-128			3.45	20
Chlorodibromomethane	0.125	0.126	0.127	101	102	74.0-127			0.791	20
Chloroethane	0.125	0.116	0.113	92.8	90.4	61.0-134			2.62	20
Chloroform	0.125	0.115	0.116	92.0	92.8	72.0-123			0.866	20
Chloromethane	0.125	0.118	0.114	94.4	91.2	51.0-138			3.45	20
2-Chlorotoluene	0.125	0.122	0.121	97.6	96.8	75.0-124			0.823	20
4-Chlorotoluene	0.125	0.123	0.113	98.4	90.4	75.0-124			8.47	20
Cyclohexane	0.125	0.108	0.112	86.4	89.6	70.0-130			3.64	20
1,2-Dibromo-3-Chloropropane	0.125	0.114	0.117	91.2	93.6	59.0-130			2.60	20
1,2-Dibromoethane	0.125	0.132	0.130	106	104	74.0-128			1.53	20
Dibromomethane	0.125	0.126	0.131	101	105	75.0-122			3.89	20
1,2-Dichlorobenzene	0.125	0.124	0.118	99.2	94.4	76.0-124			4.96	20
1,3-Dichlorobenzene	0.125	0.127	0.120	102	96.0	76.0-125			5.67	20
1,4-Dichlorobenzene	0.125	0.120	0.101	96.0	80.8	77.0-121			17.2	20
Dichlorodifluoromethane	0.125	0.169	0.171	135	137	43.0-156			1.18	20
1,1-Dichloroethane	0.125	0.121	0.120	96.8	96.0	70.0-127			0.830	20
1,2-Dichloroethane	0.125	0.118	0.115	94.4	92.0	65.0-131			2.58	20
1,1-Dichloroethene	0.125	0.134	0.130	107	104	65.0-131			3.03	20
cis-1,2-Dichloroethene	0.125	0.119	0.119	95.2	95.2	73.0-125			0.000	20
trans-1,2-Dichloroethene	0.125	0.121	0.121	96.8	96.8	71.0-125			0.000	20
1,2-Dichloropropane	0.125	0.120	0.121	96.0	96.8	74.0-125			0.830	20
1,1-Dichloropropene	0.125	0.130	0.127	104	102	73.0-125			2.33	20
1,3-Dichloropropane	0.125	0.128	0.126	102	101	80.0-125			1.57	20
cis-1,3-Dichloropropene	0.125	0.128	0.128	102	102	76.0-127			0.000	20
trans-1,3-Dichloropropene	0.125	0.126	0.126	101	101	73.0-127			0.000	20
2,2-Dichloropropane	0.125	0.122	0.123	97.6	98.4	59.0-135			0.816	20
Dicyclopentadiene	0.125	0.126	0.121	101	96.8	71.0-132			4.05	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4043078-1 03/07/24 06:08 • (LCSD) R4043078-2 03/07/24 06:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.123	0.126	98.4	101	60.0-136			2.41	20
Ethylbenzene	0.125	0.124	0.116	99.2	92.8	74.0-126			6.67	20
4-Ethyltoluene	0.125	0.126	0.120	101	96.0	71.0-129			4.88	20
Hexachloro-1,3-butadiene	0.125	0.121	0.115	96.8	92.0	57.0-150			5.08	20
n-Hexane	0.125	0.117	0.119	93.6	95.2	55.0-137			1.69	20
Isopropylbenzene	0.125	0.132	0.125	106	100	72.0-127			5.45	20
p-Isopropyltoluene	0.125	0.122	0.118	97.6	94.4	72.0-133			3.33	20
2-Butanone (MEK)	0.625	0.561	0.717	89.8	115	30.0-160		R7	24.4	24
Methylene Chloride	0.125	0.123	0.126	98.4	101	68.0-123			2.41	20
4-Methyl-2-pentanone (MIBK)	0.625	0.683	0.664	109	106	56.0-143			2.82	20
Methyl tert-butyl ether	0.125	0.129	0.127	103	102	66.0-132			1.56	20
Methyl Cyclohexane	0.125	0.122	0.126	97.6	101	67.0-129			3.23	20
Naphthalene	0.125	0.122	0.127	97.6	102	59.0-130			4.02	20
Propene	0.125	0.109	0.102	87.2	81.6	30.0-160			6.64	20
n-Propylbenzene	0.125	0.121	0.113	96.8	90.4	74.0-126			6.84	20
Styrene	0.125	0.123	0.123	98.4	98.4	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	0.125	0.120	0.120	96.0	96.0	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.119	0.114	95.2	91.2	68.0-128			4.29	20
1,1,2-Trichlorotrifluoroethane	0.125	0.111	0.116	88.8	92.8	61.0-139			4.41	20
Tetrachloroethene	0.125	0.131	0.128	105	102	70.0-136			2.32	20
Toluene	0.125	0.118	0.114	94.4	91.2	75.0-121			3.45	20
1,2,3-Trichlorobenzene	0.125	0.148	0.151	118	121	59.0-139			2.01	20
1,2,4-Trichlorobenzene	0.125	0.146	0.131	117	105	62.0-137			10.8	20
1,1,1-Trichloroethane	0.125	0.132	0.131	106	105	69.0-126			0.760	20
1,1,2-Trichloroethane	0.125	0.132	0.123	106	98.4	78.0-123			7.06	20
Trichloroethene	0.125	0.126	0.128	101	102	76.0-126			1.57	20
Trichlorofluoromethane	0.125	0.122	0.121	97.6	96.8	61.0-142			0.823	20
1,2,3-Trichloropropane	0.125	0.120	0.123	96.0	98.4	67.0-129			2.47	20
1,2,4-Trimethylbenzene	0.125	0.125	0.119	100	95.2	70.0-126			4.92	20
1,2,3-Trimethylbenzene	0.125	0.121	0.115	96.8	92.0	74.0-124			5.08	20
1,3,5-Trimethylbenzene	0.125	0.118	0.116	94.4	92.8	73.0-127			1.71	20
Vinyl chloride	0.125	0.130	0.129	104	103	63.0-134			0.772	20
Xylenes, Total	0.375	0.377	0.359	101	95.7	72.0-127			4.89	20
(S) Toluene-d8				*100*	*99.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*101*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*97.7*	*95.8*	*70.0-130*				

Method Blank (MB)

(MB) R4043764-3 03/07/24 09:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4043764-3 03/07/24 09:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4043764-1 03/07/24 07:56 • (LCSD) R4043764-2 03/07/24 08:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.509	0.563	81.4	90.1	30.0-160			10.1	31
Acrylonitrile	0.625	0.577	0.678	92.3	108	45.0-153			16.1	22
Benzene	0.125	0.129	0.121	103	96.8	70.0-123			6.40	20
Bromobenzene	0.125	0.128	0.130	102	104	73.0-121			1.55	20
Bromodichloromethane	0.125	0.118	0.115	94.4	92.0	73.0-121			2.58	20
Bromoform	0.125	0.107	0.101	85.6	80.8	64.0-132			5.77	20
Bromomethane	0.125	0.137	0.120	110	96.0	56.0-147			13.2	20
1,3-Butadiene	0.125	0.139	0.124	111	99.2	32.0-150			11.4	20
n-Butylbenzene	0.125	0.118	0.109	94.4	87.2	68.0-135			7.93	20
sec-Butylbenzene	0.125	0.108	0.104	86.4	83.2	74.0-130			3.77	20
tert-Butylbenzene	0.125	0.106	0.101	84.8	80.8	75.0-127			4.83	20
Carbon disulfide	0.125	0.117	0.107	93.6	85.6	56.0-133			8.93	20
Carbon tetrachloride	0.125	0.117	0.114	93.6	91.2	66.0-128			2.60	20
Chlorobenzene	0.125	0.131	0.125	105	100	76.0-128			4.69	20
Chlorodibromomethane	0.125	0.116	0.108	92.8	86.4	74.0-127			7.14	20
Chloroethane	0.125	0.158	0.131	126	105	61.0-134			18.7	20
Chloroform	0.125	0.132	0.127	106	102	72.0-123			3.86	20
Chloromethane	0.125	0.159	0.139	127	111	51.0-138			13.4	20
2-Chlorotoluene	0.125	0.138	0.128	110	102	75.0-124			7.52	20
4-Chlorotoluene	0.125	0.136	0.133	109	106	75.0-124			2.23	20
Cyclohexane	0.125	0.119	0.114	95.2	91.2	70.0-130			4.29	20
1,2-Dibromo-3-Chloropropane	0.125	0.0894	0.0993	71.5	79.4	59.0-130			10.5	20
1,2-Dibromoethane	0.125	0.122	0.122	97.6	97.6	74.0-128			0.000	20
Dibromomethane	0.125	0.127	0.122	102	97.6	75.0-122			4.02	20
1,2-Dichlorobenzene	0.125	0.130	0.126	104	101	76.0-124			3.12	20
1,3-Dichlorobenzene	0.125	0.138	0.133	110	106	76.0-125			3.69	20
1,4-Dichlorobenzene	0.125	0.137	0.131	110	105	77.0-121			4.48	20
Dichlorodifluoromethane	0.125	0.143	0.129	114	103	43.0-156			10.3	20
1,1-Dichloroethane	0.125	0.137	0.127	110	102	70.0-127			7.58	20
1,2-Dichloroethane	0.125	0.128	0.120	102	96.0	65.0-131			6.45	20
1,1-Dichloroethene	0.125	0.125	0.115	100	92.0	65.0-131			8.33	20
cis-1,2-Dichloroethene	0.125	0.137	0.132	110	106	73.0-125			3.72	20
trans-1,2-Dichloroethene	0.125	0.145	0.130	116	104	71.0-125			10.9	20
1,2-Dichloropropane	0.125	0.128	0.132	102	106	74.0-125			3.08	20
1,1-Dichloropropene	0.125	0.140	0.135	112	108	73.0-125			3.64	20
1,3-Dichloropropane	0.125	0.135	0.133	108	106	80.0-125			1.49	20
cis-1,3-Dichloropropene	0.125	0.119	0.125	95.2	100	76.0-127			4.92	20
trans-1,3-Dichloropropene	0.125	0.114	0.113	91.2	90.4	73.0-127			0.881	20
2,2-Dichloropropane	0.125	0.119	0.111	95.2	88.8	59.0-135			6.96	20
Dicyclopentadiene	0.125	0.0919	0.0879	73.5	70.3	71.0-132		L2	4.45	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4043764-1 03/07/24 07:56 • (LCSD) R4043764-2 03/07/24 08:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.155	0.153	124	122	60.0-136			1.30	20
Ethylbenzene	0.125	0.131	0.116	105	92.8	74.0-126			12.1	20
4-Ethyltoluene	0.125	0.123	0.119	98.4	95.2	71.0-129			3.31	20
Hexachloro-1,3-butadiene	0.125	0.102	0.0963	81.6	77.0	57.0-150			5.75	20
n-Hexane	0.125	0.161	0.155	129	124	55.0-137			3.80	20
Isopropylbenzene	0.125	0.124	0.111	99.2	88.8	72.0-127			11.1	20
p-Isopropyltoluene	0.125	0.120	0.115	96.0	92.0	72.0-133			4.26	20
2-Butanone (MEK)	0.625	0.543	0.612	86.9	97.9	30.0-160			11.9	24
Methylene Chloride	0.125	0.146	0.131	117	105	68.0-123			10.8	20
4-Methyl-2-pentanone (MIBK)	0.625	0.660	0.622	106	99.5	56.0-143			5.93	20
Methyl tert-butyl ether	0.125	0.119	0.116	95.2	92.8	66.0-132			2.55	20
Methyl Cyclohexane	0.125	0.157	0.143	126	114	67.0-129			9.33	20
Naphthalene	0.125	0.102	0.0961	81.6	76.9	59.0-130			5.96	20
Propene	0.125	0.0573	0.0720	45.8	57.6	30.0-160		R7	22.7	20
n-Propylbenzene	0.125	0.138	0.132	110	106	74.0-126			4.44	20
Styrene	0.125	0.123	0.114	98.4	91.2	72.0-127			7.59	20
1,1,1,2-Tetrachloroethane	0.125	0.115	0.100	92.0	80.0	74.0-129			14.0	20
1,1,2,2-Tetrachloroethane	0.125	0.130	0.133	104	106	68.0-128			2.28	20
1,1,2-Trichlorotrifluoroethane	0.125	0.117	0.110	93.6	88.0	61.0-139			6.17	20
Tetrachloroethene	0.125	0.140	0.127	112	102	70.0-136			9.74	20
1,2,3-Trichlorobenzene	0.125	0.120	0.110	96.0	88.0	59.0-139			8.70	20
1,2,4-Trichlorobenzene	0.125	0.113	0.106	90.4	84.8	62.0-137			6.39	20
1,1,1-Trichloroethane	0.125	0.118	0.113	94.4	90.4	69.0-126			4.33	20
1,1,2-Trichloroethane	0.125	0.116	0.112	92.8	89.6	78.0-123			3.51	20
Trichloroethene	0.125	0.133	0.130	106	104	76.0-126			2.28	20
Trichlorofluoromethane	0.125	0.129	0.118	103	94.4	61.0-142			8.91	20
1,2,3-Trichloropropane	0.125	0.128	0.133	102	106	67.0-129			3.83	20
1,2,4-Trimethylbenzene	0.125	0.121	0.116	96.8	92.8	70.0-126			4.22	20
1,2,3-Trimethylbenzene	0.125	0.121	0.113	96.8	90.4	74.0-124			6.84	20
1,3,5-Trimethylbenzene	0.125	0.126	0.115	101	92.0	73.0-127			9.13	20
Vinyl chloride	0.125	0.126	0.115	101	92.0	63.0-134			9.13	20
Xylenes, Total	0.375	0.373	0.336	99.5	89.6	72.0-127			10.4	20
(S) Toluene-d8				*98.8*	*94.7*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.9*	*92.3*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*99.4*	*99.3*	*70.0-130*				

Method Blank (MB)

(MB) R4043372-3 03/08/24 09:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Cyclohexane	U		0.0278	0.0625
4-Ethyltoluene	U		0.0580	0.125
n-Hexane	U		0.0565	0.125
Methyl Cyclohexane	U		0.0515	0.125
Toluene	U		0.0325	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*92.4*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*76.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4043372-1 03/08/24 07:47 • (LCSD) R4043372-2 03/08/24 08:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Cyclohexane	0.125	0.114	0.121	91.2	96.8	70.0-130			5.96	20
4-Ethyltoluene	0.125	0.112	0.112	89.6	89.6	71.0-129			0.000	20
n-Hexane	0.125	0.101	0.101	80.8	80.8	55.0-137			0.000	20
Methyl Cyclohexane	0.125	0.0866	0.0936	69.3	74.9	67.0-129			7.77	20
Toluene	0.125	0.112	0.116	89.6	92.8	75.0-121			3.51	20
1,2,4-Trimethylbenzene	0.125	0.102	0.108	81.6	86.4	70.0-126			5.71	20
Xylenes, Total	0.375	0.354	0.366	94.4	97.6	72.0-127			3.33	20
(S) Toluene-d8				*89.5*	*90.0*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.4*	*96.7*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*82.6*	*83.2*	*70.0-130*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R4044018-3 03/10/24 23:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4044018-3 03/10/24 23:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4044018-1 03/10/24 21:52 • (LCSD) R4044018-2 03/10/24 22:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.567	0.543	90.7	86.9	30.0-160			4.32	31
Acrylonitrile	0.625	0.663	0.634	106	101	45.0-153			4.47	22
Benzene	0.125	0.117	0.115	93.6	92.0	70.0-123			1.72	20
Bromobenzene	0.125	0.117	0.118	93.6	94.4	73.0-121			0.851	20
Bromodichloromethane	0.125	0.123	0.126	98.4	101	73.0-121			2.41	20
Bromoform	0.125	0.115	0.120	92.0	96.0	64.0-132			4.26	20
Bromomethane	0.125	0.103	0.0996	82.4	79.7	56.0-147			3.36	20
1,3-Butadiene	0.125	0.114	0.103	91.2	82.4	32.0-150			10.1	20
n-Butylbenzene	0.125	0.121	0.124	96.8	99.2	68.0-135			2.45	20
sec-Butylbenzene	0.125	0.122	0.125	97.6	100	74.0-130			2.43	20
tert-Butylbenzene	0.125	0.121	0.123	96.8	98.4	75.0-127			1.64	20
Carbon disulfide	0.125	0.110	0.103	88.0	82.4	56.0-133			6.57	20
Carbon tetrachloride	0.125	0.132	0.135	106	108	66.0-128			2.25	20
Chlorobenzene	0.125	0.115	0.115	92.0	92.0	76.0-128			0.000	20
Chlorodibromomethane	0.125	0.115	0.124	92.0	99.2	74.0-127			7.53	20
Chloroethane	0.125	0.112	0.113	89.6	90.4	61.0-134			0.889	20
Chloroform	0.125	0.117	0.117	93.6	93.6	72.0-123			0.000	20
Chloromethane	0.125	0.0993	0.0965	79.4	77.2	51.0-138			2.86	20
2-Chlorotoluene	0.125	0.122	0.124	97.6	99.2	75.0-124			1.63	20
4-Chlorotoluene	0.125	0.117	0.122	93.6	97.6	75.0-124			4.18	20
Cyclohexane	0.125	0.112	0.107	89.6	85.6	70.0-130			4.57	20
1,2-Dibromo-3-Chloropropane	0.125	0.115	0.117	92.0	93.6	59.0-130			1.72	20
1,2-Dibromoethane	0.125	0.120	0.129	96.0	103	74.0-128			7.23	20
Dibromomethane	0.125	0.125	0.126	100	101	75.0-122			0.797	20
1,2-Dichlorobenzene	0.125	0.114	0.120	91.2	96.0	76.0-124			5.13	20
1,3-Dichlorobenzene	0.125	0.118	0.122	94.4	97.6	76.0-125			3.33	20
1,4-Dichlorobenzene	0.125	0.118	0.118	94.4	94.4	77.0-121			0.000	20
Dichlorodifluoromethane	0.125	0.127	0.118	102	94.4	43.0-156			7.35	20
1,1-Dichloroethane	0.125	0.122	0.125	97.6	100	70.0-127			2.43	20
1,2-Dichloroethane	0.125	0.114	0.116	91.2	92.8	65.0-131			1.74	20
1,1-Dichloroethene	0.125	0.131	0.127	105	102	65.0-131			3.10	20
cis-1,2-Dichloroethene	0.125	0.120	0.120	96.0	96.0	73.0-125			0.000	20
trans-1,2-Dichloroethene	0.125	0.121	0.115	96.8	92.0	71.0-125			5.08	20
1,2-Dichloropropane	0.125	0.124	0.123	99.2	98.4	74.0-125			0.810	20
1,1-Dichloropropene	0.125	0.137	0.129	110	103	73.0-125			6.02	20
1,3-Dichloropropane	0.125	0.124	0.124	99.2	99.2	80.0-125			0.000	20
cis-1,3-Dichloropropene	0.125	0.129	0.127	103	102	76.0-127			1.56	20
trans-1,3-Dichloropropene	0.125	0.121	0.123	96.8	98.4	73.0-127			1.64	20
2,2-Dichloropropane	0.125	0.122	0.125	97.6	100	59.0-135			2.43	20
Dicyclopentadiene	0.125	0.123	0.125	98.4	100	71.0-132			1.61	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4044018-1 03/10/24 21:52 • (LCSD) R4044018-2 03/10/24 22:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.125	0.125	100	100	60.0-136			0.000	20
Ethylbenzene	0.125	0.119	0.120	95.2	96.0	74.0-126			0.837	20
4-Ethyltoluene	0.125	0.124	0.126	99.2	101	71.0-129			1.60	20
Hexachloro-1,3-butadiene	0.125	0.119	0.124	95.2	99.2	57.0-150			4.12	20
n-Hexane	0.125	0.109	0.116	87.2	92.8	55.0-137			6.22	20
Isopropylbenzene	0.125	0.127	0.128	102	102	72.0-127			0.784	20
p-Isopropyltoluene	0.125	0.122	0.125	97.6	100	72.0-133			2.43	20
2-Butanone (MEK)	0.625	0.633	0.682	101	109	30.0-160			7.45	24
Methylene Chloride	0.125	0.119	0.116	95.2	92.8	68.0-123			2.55	20
4-Methyl-2-pentanone (MIBK)	0.625	0.654	0.665	105	106	56.0-143			1.67	20
Methyl tert-butyl ether	0.125	0.121	0.127	96.8	102	66.0-132			4.84	20
Methyl Cyclohexane	0.125	0.125	0.111	100	88.8	67.0-129			11.9	20
Naphthalene	0.125	0.114	0.124	91.2	99.2	59.0-130			8.40	20
Propene	0.125	0.101	0.105	80.8	84.0	30.0-160			3.88	20
n-Propylbenzene	0.125	0.119	0.119	95.2	95.2	74.0-126			0.000	20
Styrene	0.125	0.116	0.121	92.8	96.8	72.0-127			4.22	20
1,1,1,2-Tetrachloroethane	0.125	0.120	0.118	96.0	94.4	74.0-129			1.68	20
1,1,2,2-Tetrachloroethane	0.125	0.111	0.113	88.8	90.4	68.0-128			1.79	20
1,1,2-Trichlorotrifluoroethane	0.125	0.121	0.113	96.8	90.4	61.0-139			6.84	20
Tetrachloroethene	0.125	0.125	0.125	100	100	70.0-136			0.000	20
Toluene	0.125	0.113	0.116	90.4	92.8	75.0-121			2.62	20
1,2,3-Trichlorobenzene	0.125	0.133	0.149	106	119	59.0-139			11.3	20
1,2,4-Trichlorobenzene	0.125	0.122	0.136	97.6	109	62.0-137			10.9	20
1,1,1-Trichloroethane	0.125	0.130	0.132	104	106	69.0-126			1.53	20
1,1,2-Trichloroethane	0.125	0.121	0.129	96.8	103	78.0-123			6.40	20
Trichloroethene	0.125	0.128	0.128	102	102	76.0-126			0.000	20
Trichlorofluoromethane	0.125	0.119	0.117	95.2	93.6	61.0-142			1.69	20
1,2,3-Trichloropropane	0.125	0.117	0.123	93.6	98.4	67.0-129			5.00	20
1,2,4-Trimethylbenzene	0.125	0.120	0.124	96.0	99.2	70.0-126			3.28	20
1,2,3-Trimethylbenzene	0.125	0.115	0.121	92.0	96.8	74.0-124			5.08	20
1,3,5-Trimethylbenzene	0.125	0.115	0.118	92.0	94.4	73.0-127			2.58	20
Vinyl chloride	0.125	0.116	0.112	92.8	89.6	63.0-134			3.51	20
Xylenes, Total	0.375	0.357	0.371	95.2	98.9	72.0-127			3.85	20
(S) Toluene-d8				*98.4*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*102*	*103*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*99.9*	*96.5*	*70.0-130*				

Method Blank (MB)

(MB) R4044540-2 03/09/24 21:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	0.149	E4	0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4044540-2 03/09/24 21:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4044540-1 03/09/24 20:40 • (LCSD) R4044540-3 03/09/24 23:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	25.9	30.2	104	121	19.0-160			15.3	27
Acrolein	25.0	24.7	24.0	98.8	96.0	30.0-160			2.87	26
Acrylonitrile	25.0	27.2	28.0	109	112	55.0-149			2.90	20
Benzene	5.00	5.46	5.73	109	115	70.0-123			4.83	20
Bromobenzene	5.00	5.33	5.21	107	104	73.0-121			2.28	20
Bromodichloromethane	5.00	5.26	5.19	105	104	75.0-120			1.34	20
Bromoform	5.00	4.84	5.27	96.8	105	68.0-132			8.51	20
Bromomethane	5.00	4.28	4.34	85.6	86.8	30.0-160			1.39	25
1,3-Butadiene	5.00	5.08	5.96	102	119	45.0-147			15.9	20
n-Butylbenzene	5.00	4.83	5.13	96.6	103	73.0-125			6.02	20
sec-Butylbenzene	5.00	5.35	5.53	107	111	75.0-125			3.31	20
tert-Butylbenzene	5.00	5.58	5.56	112	111	76.0-124			0.359	20
Carbon tetrachloride	5.00	5.35	5.78	107	116	68.0-126			7.73	20
Carbon disulfide	5.00	4.51	5.15	90.2	103	61.0-128			13.3	20
Chlorobenzene	5.00	5.87	6.03	117	121	80.0-121			2.69	20
Chlorodibromomethane	5.00	5.41	5.47	108	109	77.0-125			1.10	20
Chloroethane	5.00	5.32	5.91	106	118	47.0-150			10.5	20
Chloroform	5.00	5.46	5.68	109	114	73.0-120			3.95	20
Chloromethane	5.00	5.07	5.44	101	109	41.0-142			7.04	20
Cyclohexane	5.00	5.56	5.81	111	116	71.0-124			4.40	20
2-Chlorotoluene	5.00	5.44	5.14	109	103	76.0-123			5.67	20
4-Chlorotoluene	5.00	5.31	5.15	106	103	75.0-122			3.06	20
1,2-Dibromo-3-Chloropropane	5.00	4.47	4.35	89.4	87.0	58.0-134			2.72	20
1,2-Dibromoethane	5.00	5.71	5.64	114	113	80.0-122			1.23	20
Dibromomethane	5.00	5.45	5.42	109	108	80.0-120			0.552	20
1,2-Dichlorobenzene	5.00	5.64	5.33	113	107	79.0-121			5.65	20
1,3-Dichlorobenzene	5.00	5.64	5.14	113	103	79.0-120			9.28	20
1,4-Dichlorobenzene	5.00	5.36	5.30	107	106	79.0-120			1.13	20
Dichlorodifluoromethane	5.00	4.49	4.94	89.8	98.8	51.0-149			9.54	20
1,1-Dichloroethane	5.00	5.48	5.72	110	114	70.0-126			4.29	20
1,2-Dichloroethane	5.00	5.51	5.48	110	110	70.0-128			0.546	20
1,1-Dichloroethene	5.00	5.16	5.67	103	113	71.0-124			9.42	20
cis-1,2-Dichloroethene	5.00	5.55	5.54	111	111	73.0-120			0.180	20
trans-1,2-Dichloroethene	5.00	5.44	5.91	109	118	73.0-120			8.28	20
1,2-Dichloropropane	5.00	5.49	5.60	110	112	77.0-125			1.98	20
1,1-Dichloropropene	5.00	5.47	5.82	109	116	74.0-126			6.20	20
1,3-Dichloropropane	5.00	5.85	5.78	117	116	80.0-120			1.20	20
cis-1,3-Dichloropropene	5.00	5.20	5.17	104	103	80.0-123			0.579	20
trans-1,3-Dichloropropene	5.00	5.24	5.25	105	105	78.0-124			0.191	20
2,2-Dichloropropane	5.00	5.30	5.30	106	106	58.0-130			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4044540-1 03/09/24 20:40 • (LCSD) R4044540-3 03/09/24 23:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.42	5.43	108	109	74.0-126			0.184	20
Di-isopropyl ether	5.00	5.74	5.94	115	119	58.0-138			3.42	20
Ethylbenzene	5.00	5.89	5.86	118	117	79.0-123			0.511	20
4-Ethyltoluene	5.00	5.29	5.21	106	104	74.0-127			1.52	20
Hexachloro-1,3-butadiene	5.00	5.16	6.00	103	120	54.0-138			15.1	20
n-Hexane	5.00	5.65	5.78	113	116	57.0-133			2.27	20
Isopropylbenzene	5.00	5.74	5.69	115	114	76.0-127			0.875	20
p-Isopropyltoluene	5.00	5.36	5.36	107	107	76.0-125			0.000	20
2-Butanone (MEK)	25.0	24.1	26.5	96.4	106	44.0-160			9.49	20
Methyl Cyclohexane	5.00	5.64	5.69	113	114	68.0-126			0.883	20
Methylene Chloride	5.00	5.35	5.23	107	105	67.0-120			2.27	20
4-Methyl-2-pentanone (MIBK)	25.0	28.6	30.6	114	122	68.0-142			6.76	20
Methyl tert-butyl ether	5.00	5.34	5.28	107	106	68.0-125			1.13	20
Naphthalene	5.00	4.60	4.59	92.0	91.8	54.0-135			0.218	20
Propene	5.00	3.73	4.47	74.6	89.4	30.0-160			18.0	20
n-Propylbenzene	5.00	5.58	5.41	112	108	77.0-124			3.09	20
Styrene	5.00	5.42	5.35	108	107	73.0-130			1.30	20
1,1,1,2-Tetrachloroethane	5.00	5.78	5.80	116	116	75.0-125			0.345	20
1,1,2,2-Tetrachloroethane	5.00	5.56	5.37	111	107	65.0-130			3.48	20
1,1,2-Trichlorotrifluoroethane	5.00	6.00	6.29	120	126	69.0-132			4.72	20
Tetrachloroethene	5.00	6.22	6.29	124	126	72.0-132			1.12	20
Toluene	5.00	5.75	6.00	115	120	79.0-120			4.26	20
1,2,3-Trichlorobenzene	5.00	5.18	5.19	104	104	50.0-138			0.193	20
1,2,4-Trichlorobenzene	5.00	4.85	4.90	97.0	98.0	57.0-137			1.03	20
1,1,1-Trichloroethane	5.00	5.28	5.76	106	115	73.0-124			8.70	20
1,1,2-Trichloroethane	5.00	5.75	5.97	115	119	80.0-120			3.75	20
Trichloroethene	5.00	5.87	5.89	117	118	78.0-124			0.340	20
Trichlorofluoromethane	5.00	5.55	6.06	111	121	59.0-147			8.79	20
1,2,3-Trichloropropane	5.00	5.49	5.79	110	116	73.0-130			5.32	20
1,2,4-Trimethylbenzene	5.00	5.22	5.06	104	101	76.0-121			3.11	20
1,2,3-Trimethylbenzene	5.00	5.45	5.23	109	105	77.0-120			4.12	20
1,3,5-Trimethylbenzene	5.00	5.58	5.46	112	109	76.0-122			2.17	20
Vinyl chloride	5.00	5.41	5.79	108	116	67.0-131			6.79	20
Xylenes, Total	15.0	17.6	18.0	117	120	79.0-123			2.25	20
(S) Toluene-d8				*104*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*99.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*91.2*	*89.8*	*70.0-130*				

L1712129-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1712129-03 03/10/24 05:20 • (MS) R4044540-4 03/10/24 08:57 • (MSD) R4044540-5 03/10/24 09:19

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	25.9	28.1	104	112	1	10.0-160			8.15	35
Acrolein	25.0	U	22.9	22.3	91.6	89.2	1	10.0-160			2.65	39
Acrylonitrile	25.0	U	31.4	30.3	126	121	1	21.0-160			3.57	32
Benzene	5.00	0.115	6.27	4.33	125	86.6	1	17.0-158		R5	36.6	27
Bromobenzene	5.00	U	6.04	4.68	121	93.6	1	30.0-149			25.4	28
Bromodichloromethane	5.00	U	6.08	4.54	122	90.8	1	31.0-150		R5	29.0	27
Bromoform	5.00	U	6.03	5.07	121	101	1	29.0-150			17.3	29
Bromomethane	5.00	U	3.04	2.53	60.8	50.6	1	10.0-160			18.3	38
1,3-Butadiene	5.00	U	5.48	3.89	110	77.8	1	10.0-160		R5	33.9	22
n-Butylbenzene	5.00	U	6.07	3.83	121	76.6	1	31.0-150		R5	45.3	30
sec-Butylbenzene	5.00	U	6.29	4.40	126	88.0	1	33.0-155		R5	35.4	29
tert-Butylbenzene	5.00	U	6.45	4.46	129	89.2	1	34.0-153		R5	36.5	28
Carbon tetrachloride	5.00	U	6.25	4.24	125	84.8	1	23.0-159		R5	38.3	28
Carbon disulfide	5.00	0.142	4.40	2.98	88.0	59.6	1	10.0-156		R5	38.5	28
Chlorobenzene	5.00	U	6.81	5.02	136	100	1	33.0-152		R5	30.3	27
Chlorodibromomethane	5.00	U	6.10	5.05	122	101	1	37.0-149			18.8	27
Chloroethane	5.00	U	5.95	4.35	119	87.0	1	10.0-160		R5	31.1	30
Chloroform	5.00	U	6.42	4.44	128	88.8	1	29.0-154		R5	36.5	28
Chloromethane	5.00	U	5.20	3.44	104	68.8	1	10.0-160		R5	40.7	29
Cyclohexane	5.00	U	6.10	3.92	122	78.4	1	19.0-160		R5	43.5	23
2-Chlorotoluene	5.00	U	6.22	4.43	124	88.6	1	32.0-153		R5	33.6	28
4-Chlorotoluene	5.00	U	6.06	4.50	121	90.0	1	32.0-150		R5	29.5	28
1,2-Dibromo-3-Chloropropane	5.00	U	5.02	5.00	100	100	1	22.0-151			0.399	34
1,2-Dibromoethane	5.00	U	6.62	5.53	132	111	1	34.0-147			17.9	27
Dibromomethane	5.00	U	6.12	5.06	122	101	1	30.0-151			19.0	27
1,2-Dichlorobenzene	5.00	U	6.39	4.98	128	99.6	1	34.0-149			24.8	28
1,3-Dichlorobenzene	5.00	U	6.34	4.71	127	94.2	1	36.0-146		R5	29.5	27
1,4-Dichlorobenzene	5.00	U	6.50	4.76	130	95.2	1	35.0-142		R5	30.9	27
Dichlorodifluoromethane	5.00	U	4.27	3.03	85.4	60.6	1	10.0-160		R5	34.0	29
1,1-Dichloroethane	5.00	U	6.24	4.31	125	86.2	1	25.0-158		R5	36.6	27
1,2-Dichloroethane	5.00	0.139	6.30	5.01	126	100	1	29.0-151			22.8	27
1,1-Dichloroethene	5.00	U	5.86	3.95	117	79.0	1	11.0-160		R5	38.9	29
cis-1,2-Dichloroethene	5.00	U	6.17	4.50	123	90.0	1	10.0-160		R5	31.3	27
trans-1,2-Dichloroethene	5.00	U	6.03	4.16	121	83.2	1	17.0-153		R5	36.7	27
1,2-Dichloropropane	5.00	U	6.29	4.71	126	94.2	1	30.0-156		R5	28.7	27
1,1-Dichloropropene	5.00	U	6.32	4.14	126	82.8	1	25.0-158		R5	41.7	27
1,3-Dichloropropane	5.00	U	6.45	5.35	129	107	1	38.0-147			18.6	27
cis-1,3-Dichloropropene	5.00	U	5.32	4.12	106	82.4	1	34.0-149			25.4	28
trans-1,3-Dichloropropene	5.00	U	5.60	4.40	112	88.0	1	32.0-149			24.0	28
2,2-Dichloropropane	5.00	U	5.27	3.70	105	74.0	1	24.0-152		R5	35.0	29

L1712129-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1712129-03 03/10/24 05:20 • (MS) R4044540-4 03/10/24 08:57 • (MSD) R4044540-5 03/10/24 09:19

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	3.81	2.44	76.2	48.8	1	51.0-139		M2 R5	43.8	20
Di-isopropyl ether	5.00	U	6.58	5.24	132	105	1	21.0-160			22.7	28
Ethylbenzene	5.00	0.142	6.91	4.62	138	92.4	1	30.0-155		R5	39.7	27
4-Ethyltoluene	5.00	U	6.43	4.34	129	86.8	1	10.0-160		R5	38.8	20
Hexachloro-1,3-butadiene	5.00	U	5.86	4.32	117	86.4	1	20.0-154			30.3	34
n-Hexane	5.00	U	62.4	60.3	1250	1210	1	10.0-153	M1	M1	3.42	28
Isopropylbenzene	5.00	U	6.81	4.68	136	93.6	1	28.0-157		R5	37.1	27
p-Isopropyltoluene	5.00	U	5.91	4.23	118	84.6	1	30.0-154		R5	33.1	29
2-Butanone (MEK)	25.0	U	28.8	28.4	115	114	1	10.0-160			1.40	32
Methyl Cyclohexane	5.00	U	5.70	3.86	114	77.2	1	11.0-160		R5	38.5	24
Methylene Chloride	5.00	U	5.79	4.36	116	87.2	1	23.0-144		R5	28.2	28
4-Methyl-2-pentanone (MIBK)	25.0	U	34.1	33.4	136	134	1	29.0-160			2.07	29
Methyl tert-butyl ether	5.00	331	351	347	400	320	1	28.0-150	E1 M3	E1 M3	1.15	29
Naphthalene	5.00	2.18	6.45	5.13	129	103	1	12.0-156			22.8	35
Propene	5.00	U	3.32	2.50	66.4	50.0	1	10.0-160			28.2	29
n-Propylbenzene	5.00	U	6.25	4.37	125	87.4	1	31.0-154		R5	35.4	28
Styrene	5.00	U	6.04	4.35	121	87.0	1	33.0-155		R5	32.5	28
1,1,1,2-Tetrachloroethane	5.00	U	6.51	4.90	130	98.0	1	36.0-151			28.2	29
1,1,2,2-Tetrachloroethane	5.00	U	6.39	5.99	128	120	1	33.0-150			6.46	28
1,1,2-Trichlorotrifluoroethane	5.00	U	6.38	4.46	128	89.2	1	23.0-160		R5	35.4	30
Tetrachloroethene	5.00	U	6.75	4.67	135	93.4	1	10.0-160		R5	36.4	27
Toluene	5.00	U	6.53	4.59	131	91.8	1	26.0-154		R5	34.9	28
1,2,3-Trichlorobenzene	5.00	U	5.89	4.81	118	96.2	1	17.0-150			20.2	36
1,2,4-Trichlorobenzene	5.00	U	5.43	4.24	109	84.8	1	24.0-150			24.6	33
1,1,1-Trichloroethane	5.00	U	6.41	4.25	128	85.0	1	23.0-160		R5	40.5	28
1,1,2-Trichloroethane	5.00	U	6.74	5.50	135	110	1	35.0-147			20.3	27
Trichloroethene	5.00	U	6.23	4.32	125	86.4	1	10.0-160		R5	36.2	25
Trichlorofluoromethane	5.00	U	6.17	4.39	123	87.8	1	17.0-160		R5	33.7	31
1,2,3-Trichloropropane	5.00	U	6.53	5.65	131	113	1	34.0-151			14.4	29
1,2,4-Trimethylbenzene	5.00	U	6.84	4.38	137	87.6	1	26.0-154		R5	43.9	27
1,2,3-Trimethylbenzene	5.00	U	6.27	4.60	125	92.0	1	32.0-149		R5	30.7	28
1,3,5-Trimethylbenzene	5.00	U	6.32	4.47	126	89.4	1	28.0-153		R5	34.3	27
Vinyl chloride	5.00	U	5.47	3.80	109	76.0	1	10.0-160		R5	36.0	27
Xylenes, Total	15.0	U	20.4	14.1	136	94.0	1	29.0-154		R5	36.5	28
(S) Toluene-d8					*103*	*103*		*80.0-120*				
(S) 4-Bromofluorobenzene					*102*	*99.9*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*94.4*	*92.5*		*70.0-130*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS39 • File ID: 0308_02

03/08/24 07:47

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0308_02	435878	178077.50	191866.40
Upper Limit		871756	356155	383733
Lower Limit		217939	89039	95933
LCS R4043372-1 WG2242500 1x	0308_02LCS	435878	178077.50	191866.40
LCSD R4043372-2 WG2242500 1x	0308_03	431969.80	176323.40	187615.50
BLANK R4043372-3 WG2242500 1x	0308_07	460105.90	179800.90	181095.70
L1712158-04 WG2242500 10x	0308_08	438659.70	180072.50	214802.10
L1712158-01 WG2242500 800x	0308_11	362292.50	147470.50	160055.30
L1712158-02 WG2242500 400x	0308_12	375725.40	144028.70	153205.10
L1712158-03 WG2242500 408x	0308_13	359355.60	142918.20	151295.70

Instrument: VOCMS55 • File ID: 0307_02

03/07/24 07:56

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0307_02	382349.30	108671.30	126221.40
Upper Limit		764699	217343	252443
Lower Limit		191175	54336	63111
LCS R4043764-1 WG2241678 1x	0307_02LCS	382349.30	108671.30	126221.40
LCSD R4043764-2 WG2241678 1x	0307_03	406283.40	126479.90	140229.30
BLANK R4043764-3 WG2241678 1x	0307_07	431150.40	121772.40	132759.90
L1712158-07 WG2241678 1.09x	0307_21	423765.90	125962.60	146586.70

Instrument: VOCMS56 • File ID: 0307_02

03/07/24 06:08

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0307_02	1739380	740860.80	593190.40
Upper Limit		3478760	1481722	1186381
Lower Limit		869690	370430	296595
LCS R4043078-1 WG2241550 1x	0307_02LCS	1739380	740860.80	593190.40
LCSD R4043078-2 WG2241550 1x	0307_03	1764469	771819.90	597175.20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS56 • File ID: 0307_02

03/07/24 06:08

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
BLANK R4043078-3 WG2241550 1x	0307_07	1707566	703820.80	554658.20
L1712158-04 WG2241550 1x	0307_22	1615674	695073.30	551039.30
L1712158-05 WG2241550 1.03x	0307_23	1538181	645787.20	493270.70
L1712158-01 WG2241550 40x	0307_24	1719570	739208.90	532316.90
L1712158-02 WG2241550 40x	0307_25	1717379	717298.30	546219.30
L1712158-03 WG2241550 40.8x	0307_26	1652962	716199.10	555192.80

Instrument: VOCMS56 • File ID: 0310_29

03/10/24 21:52

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0310_29	1579630	707687.80	544214.90
Upper Limit		3016014	1358564	1019013
Lower Limit		754004	339641	254753
LCS R4044018-1 WG2243768 1x	0310_29LCSA	1579630	707687.80	544214.90
LCSD R4044018-2 WG2243768 1x	0310_30A	1552842	686369.90	531228.60
BLANK R4044018-3 WG2243768 1x	0310_34A	1610729	670283.50	515846.10
L1712158-07 WG2243768 21.8x	0310_51	1513571	638997.20	467870.60
L1712158-11 WG2243768 20.2x	0310_52	1479359	617623.20	456038.10
L1712158-09 WG2243768 103x	0310_53	1440283	619331.60	457710.80
L1712158-12 WG2243768 100x	0310_54	1509571	654186.50	485017.40
L1712158-13 WG2243768 200x	0310_55	1481566	637725.80	496776.10
L1712158-06 WG2243768 400x	0310_56	1443746	616151.30	453675.80
L1712158-08 WG2243768 800x	0310_57	1557709	656786.90	508322.80
L1712158-10 WG2243768 4000x	0310_58	1427690	614378.80	464961.10

INTERNAL STANDARD SUMMARY

Instrument: VOCMS23 • File ID: 0309_37

03/09/24 20:40

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0309_37	480300	215472	209547
Upper Limit		960600	430944	419094
Lower Limit		240150	107736	104774
LCS R4044540-1 WG2243098 1x	0309_37LCS	480300	215472	209547
BLANK R4044540-2 WG2243098 1x	0309_40	470392	206873	199603
LCSD R4044540-3 WG2243098 1x	0309_41	478804	209354	202413
L1712158-14 WG2243098 1x	0309_45	454136	197088	192733
MS R4044540-4 WG2243098 1x	0309_64	426091	193326	196652
MSD R4044540-5 WG2243098 1x	0309_65	430929	193502	191115

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B1	Target analyte detected in method blank at or above the method reporting limit.
E1	Concentration estimated. Analyte exceeded calibration range. Reanalysis not possible due to insufficient sample.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated blank spike recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No ~~2709152~~ 2705326**

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # 2705326

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # 2705326

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: Standard TAT

Quote # 00107122

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270 SIM	Remarks	Sample # (lab only)
SB-1-90	G	SS	90	2/29/24	1141	2	X			-01
SB-1-95	G	SS	95	2/29/24	1214	2	X			-02
SB-1-100	G	SS	100	2/29/24	1332	2	X			-03
SB-1-105	G	SS	105	2/29/24	1427	2	X			-04
SB-1-110	G	SS	110	2/29/24	1512	2	X			-05
SB-1-115	G	SS	115	2/29/24	1541	2	X			-06
SB-1-120	G	SS	120	2/29/24	1618	2	X			-07
SB-1-125	G	SS	125	3/1/24	0738	2	X			-08
SB-1-130	G	SS	130	3/1/24	0827	2	X			-09
SB-1-135	G	SS	135	3/1/24	1101	2	X			-10

Chain of Custody Page 1 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1712158
B092
Tal

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: HOLD PAHs

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking # 155030608273

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/5/24	1220	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/5/24	1605	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3-5-24	1805 EST	CRobert

Trip Blank Received: Yes / No (HCL / MeoH) TBR

Temp: 2.1+0=2.1 °C MSAG Bottles Received: 26

Date: 03.06.24 Time: 0910

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
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Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

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___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: Standard TAT

Quote # 00107122

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270 SIM	Remarks	Sample # (lab only)
SB-1-140	G	SS	140	3/1/24	1311	2	X	X		-11
SB-1-145	G	SS	145	3/1/24	1419	2	X	X		-12
SB-1-150	G	SS	150	3/1/24	1519	2	X	X		-13
Trip Blank			—		—	1	X			-14

Chain of Custody Page 2 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
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L # L1112158

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: HOLD PAHs

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier __ _____

Tracking # 7155 0306 8273

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/5/24	1220	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/5/24	1605	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3-5-24	1800 EST	C Rogers

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: 2.1+0=2.1 °C MSA9 Bottles Received: 24

Date: 03.06.24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

March 01, 2024

EnCore Consulting, LLC.

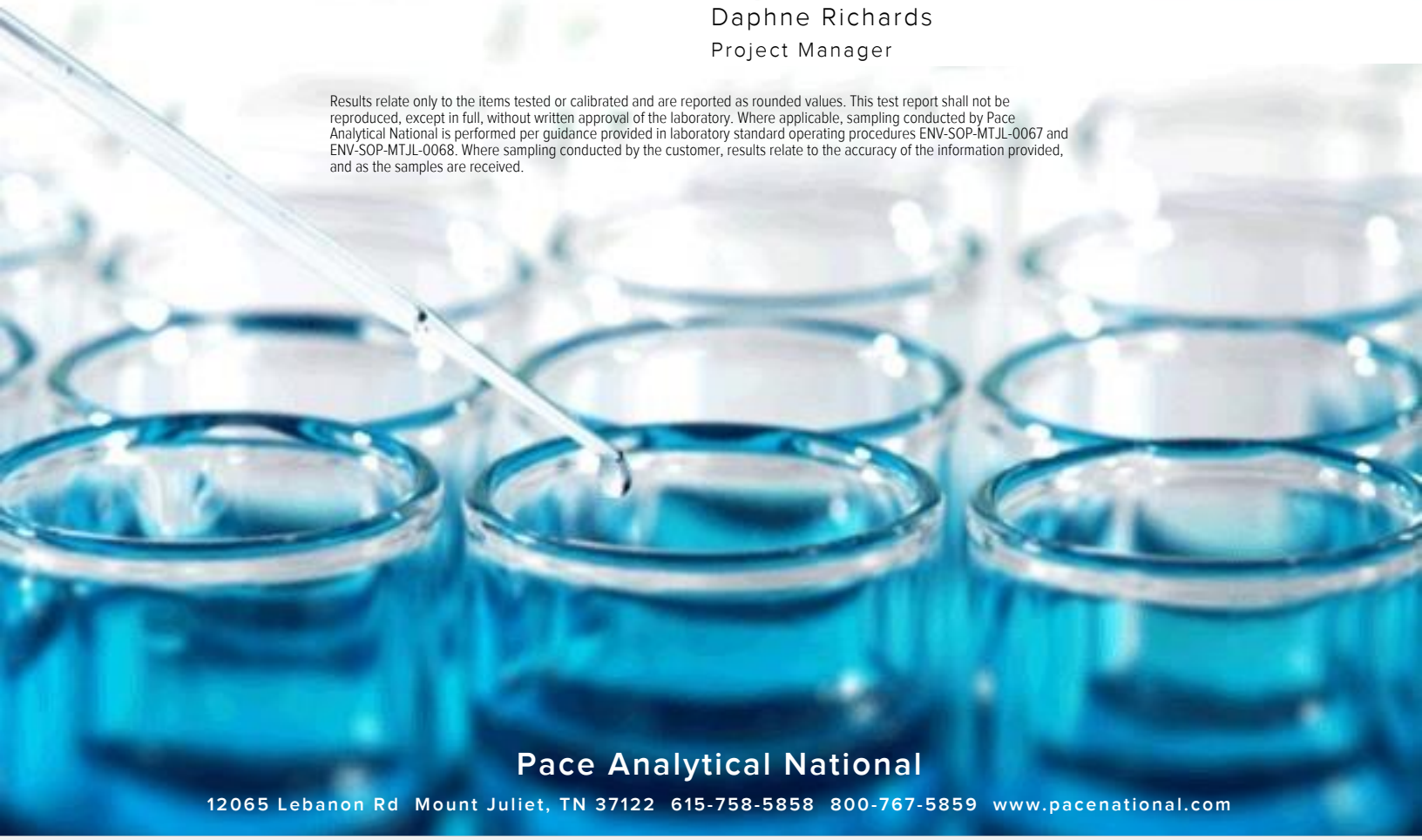
Sample Delivery Group:	L1708616
Samples Received:	02/23/2024
Project Number:	CK2705326
Description:	Circle K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-3-5 L1708616-01 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 11:15 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	1	02/21/24 11:15	02/28/24 00:39	ACG	Mt. Juliet, TN

SB-3-10 L1708616-02 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 11:22 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	1	02/21/24 11:22	02/28/24 01:01	ACG	Mt. Juliet, TN

SB-3-15 L1708616-03 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 11:30 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	1	02/21/24 11:30	02/28/24 01:23	ACG	Mt. Juliet, TN

SB-3-20 L1708616-04 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 12:09 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	1	02/21/24 12:09	02/28/24 01:44	ACG	Mt. Juliet, TN

SB-3-25 L1708616-05 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 12:15 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	1	02/21/24 12:15	02/28/24 02:06	ACG	Mt. Juliet, TN

SB-3-30 L1708616-06 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 12:25 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	1	02/21/24 12:25	02/28/24 02:28	ACG	Mt. Juliet, TN

SB-3-35 L1708616-07 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 12:38 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236113	1	02/21/24 12:38	02/28/24 18:57	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236786	1	02/21/24 12:38	02/29/24 20:20	JHH	Mt. Juliet, TN

SB-3-40 L1708616-08 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 12:49 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236113	1	02/21/24 12:49	02/28/24 19:17	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236786	1	02/21/24 12:49	02/29/24 20:40	JHH	Mt. Juliet, TN

SB-3-45 L1708616-09 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 13:03 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	2	02/21/24 13:03	02/28/24 03:33	ACG	Mt. Juliet, TN

SB-3-50 L1708616-10 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 13:13 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2234559	2	02/21/24 13:13	02/28/24 03:55	ACG	Mt. Juliet, TN

SB-3-55 L1708616-11 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 13:36 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236113	1	02/21/24 13:36	02/28/24 19:38	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236786	1	02/21/24 13:36	02/29/24 21:00	JHH	Mt. Juliet, TN

SB-3-60 L1708616-12 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 13:47 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236113	1	02/21/24 13:47	02/28/24 19:58	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236786	2	02/21/24 13:47	02/29/24 21:20	JHH	Mt. Juliet, TN

SB-3-65 L1708616-13 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 14:25 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236113	800	02/21/24 14:25	02/28/24 21:18	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236786	800	02/21/24 14:25	02/29/24 21:39	JHH	Mt. Juliet, TN

SB-3-70 L1708616-14 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 14:34 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236113	400	02/21/24 14:34	02/28/24 21:38	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236786	400	02/21/24 14:34	02/29/24 21:59	JHH	Mt. Juliet, TN

SB-3-75 L1708616-15 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 14:51 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236113	2	02/21/24 14:51	02/28/24 20:18	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236786	2	02/21/24 14:51	02/29/24 22:19	JHH	Mt. Juliet, TN

TRIP BLANK L1708616-16 GW

Collected by	Collected date/time	Received date/time
Tony Baca	02/21/24 00:00	02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2233783	1	02/25/24 16:49	02/25/24 16:49	ADM	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1708616-07	SB-3-35	8260B
L1708616-08	SB-3-40	8260B
L1708616-11	SB-3-55	8260B
L1708616-12	SB-3-60	8260B
L1708616-13	SB-3-65	8260B
L1708616-14	SB-3-70	8260B
L1708616-15	SB-3-75	8260B
L1708616-16	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 00:39	WG2234559
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 00:39	WG2234559
Benzene	U		0.0117	0.0250	1	02/28/2024 00:39	WG2234559
Bromobenzene	U		0.0225	0.313	1	02/28/2024 00:39	WG2234559
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 00:39	WG2234559
Bromoform	U		0.0293	0.625	1	02/28/2024 00:39	WG2234559
Bromomethane	U		0.0493	0.313	1	02/28/2024 00:39	WG2234559
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 00:39	WG2234559
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 00:39	WG2234559
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 00:39	WG2234559
tert-Butylbenzene	U	L2	0.0488	0.125	1	02/28/2024 00:39	WG2234559
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 00:39	WG2234559
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 00:39	WG2234559
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 00:39	WG2234559
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 00:39	WG2234559
Chloroethane	U		0.0425	0.125	1	02/28/2024 00:39	WG2234559
Chloroform	U		0.0258	0.0625	1	02/28/2024 00:39	WG2234559
Chloromethane	U		0.109	0.313	1	02/28/2024 00:39	WG2234559
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 00:39	WG2234559
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 00:39	WG2234559
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 00:39	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 00:39	WG2234559
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 00:39	WG2234559
Dibromomethane	U		0.0188	0.125	1	02/28/2024 00:39	WG2234559
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 00:39	WG2234559
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 00:39	WG2234559
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 00:39	WG2234559
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 00:39	WG2234559
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 00:39	WG2234559
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 00:39	WG2234559
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 00:39	WG2234559
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 00:39	WG2234559
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 00:39	WG2234559
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 00:39	WG2234559
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 00:39	WG2234559
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 00:39	WG2234559
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 00:39	WG2234559
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 00:39	WG2234559
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 00:39	WG2234559
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 00:39	WG2234559
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 00:39	WG2234559
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 00:39	WG2234559
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 00:39	WG2234559
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 00:39	WG2234559
n-Hexane	U		0.0565	0.125	1	02/28/2024 00:39	WG2234559
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 00:39	WG2234559
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 00:39	WG2234559
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 00:39	WG2234559
Methylene Chloride	U		0.166	0.625	1	02/28/2024 00:39	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 00:39	WG2234559
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 00:39	WG2234559
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 00:39	WG2234559
Naphthalene	U		0.122	0.313	1	02/28/2024 00:39	WG2234559
Propene	U		0.153	1.25	1	02/28/2024 00:39	WG2234559
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 00:39	WG2234559
Styrene	U		0.00573	0.313	1	02/28/2024 00:39	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 00:39	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 00:39	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 00:39	WG2234559
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 00:39	WG2234559
Toluene	U		0.0325	0.125	1	02/28/2024 00:39	WG2234559
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 00:39	WG2234559
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 00:39	WG2234559
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 00:39	WG2234559
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 00:39	WG2234559
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 00:39	WG2234559
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 00:39	WG2234559
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 00:39	WG2234559
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 00:39	WG2234559
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 00:39	WG2234559
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 00:39	WG2234559
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 00:39	WG2234559
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 00:39	WG2234559
(S) Toluene-d8	*91.9*			*75.0-131*		*02/28/2024 00:39*	WG2234559
(S) 4-Bromofluorobenzene	*91.4*			*67.0-138*		*02/28/2024 00:39*	WG2234559
(S) 1,2-Dichloroethane-d4	*81.7*			*70.0-130*		*02/28/2024 00:39*	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 01:01	WG2234559
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 01:01	WG2234559
Benzene	0.0335		0.0117	0.0250	1	02/28/2024 01:01	WG2234559
Bromobenzene	U		0.0225	0.313	1	02/28/2024 01:01	WG2234559
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 01:01	WG2234559
Bromoform	U		0.0293	0.625	1	02/28/2024 01:01	WG2234559
Bromomethane	U		0.0493	0.313	1	02/28/2024 01:01	WG2234559
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 01:01	WG2234559
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 01:01	WG2234559
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 01:01	WG2234559
tert-Butylbenzene	U	L2	0.0488	0.125	1	02/28/2024 01:01	WG2234559
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 01:01	WG2234559
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 01:01	WG2234559
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 01:01	WG2234559
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 01:01	WG2234559
Chloroethane	U		0.0425	0.125	1	02/28/2024 01:01	WG2234559
Chloroform	U		0.0258	0.0625	1	02/28/2024 01:01	WG2234559
Chloromethane	U		0.109	0.313	1	02/28/2024 01:01	WG2234559
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 01:01	WG2234559
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 01:01	WG2234559
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 01:01	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 01:01	WG2234559
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 01:01	WG2234559
Dibromomethane	U		0.0188	0.125	1	02/28/2024 01:01	WG2234559
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 01:01	WG2234559
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 01:01	WG2234559
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 01:01	WG2234559
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 01:01	WG2234559
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 01:01	WG2234559
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 01:01	WG2234559
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 01:01	WG2234559
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 01:01	WG2234559
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 01:01	WG2234559
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 01:01	WG2234559
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 01:01	WG2234559
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 01:01	WG2234559
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 01:01	WG2234559
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 01:01	WG2234559
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 01:01	WG2234559
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 01:01	WG2234559
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 01:01	WG2234559
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 01:01	WG2234559
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 01:01	WG2234559
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 01:01	WG2234559
n-Hexane	U		0.0565	0.125	1	02/28/2024 01:01	WG2234559
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 01:01	WG2234559
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 01:01	WG2234559
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 01:01	WG2234559
Methylene Chloride	U		0.166	0.625	1	02/28/2024 01:01	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 01:01	WG2234559
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 01:01	WG2234559
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 01:01	WG2234559
Naphthalene	U		0.122	0.313	1	02/28/2024 01:01	WG2234559
Propene	U		0.153	1.25	1	02/28/2024 01:01	WG2234559
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 01:01	WG2234559
Styrene	U		0.00573	0.313	1	02/28/2024 01:01	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 01:01	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 01:01	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 01:01	WG2234559
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 01:01	WG2234559
Toluene	0.0483	E4	0.0325	0.125	1	02/28/2024 01:01	WG2234559
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 01:01	WG2234559
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 01:01	WG2234559
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 01:01	WG2234559
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 01:01	WG2234559
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 01:01	WG2234559
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 01:01	WG2234559
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 01:01	WG2234559
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 01:01	WG2234559
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 01:01	WG2234559
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 01:01	WG2234559
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 01:01	WG2234559
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 01:01	WG2234559
(S) Toluene-d8	*95.5*			*75.0-131*		*02/28/2024 01:01*	WG2234559
(S) 4-Bromofluorobenzene	*94.9*			*67.0-138*		*02/28/2024 01:01*	WG2234559
(S) 1,2-Dichloroethane-d4	*81.4*			*70.0-130*		*02/28/2024 01:01*	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 01:23	WG2234559
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 01:23	WG2234559
Benzene	U		0.0117	0.0250	1	02/28/2024 01:23	WG2234559
Bromobenzene	U		0.0225	0.313	1	02/28/2024 01:23	WG2234559
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 01:23	WG2234559
Bromoform	U		0.0293	0.625	1	02/28/2024 01:23	WG2234559
Bromomethane	U		0.0493	0.313	1	02/28/2024 01:23	WG2234559
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 01:23	WG2234559
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 01:23	WG2234559
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 01:23	WG2234559
tert-Butylbenzene	U	L2	0.0488	0.125	1	02/28/2024 01:23	WG2234559
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 01:23	WG2234559
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 01:23	WG2234559
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 01:23	WG2234559
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 01:23	WG2234559
Chloroethane	U		0.0425	0.125	1	02/28/2024 01:23	WG2234559
Chloroform	U		0.0258	0.0625	1	02/28/2024 01:23	WG2234559
Chloromethane	U		0.109	0.313	1	02/28/2024 01:23	WG2234559
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 01:23	WG2234559
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 01:23	WG2234559
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 01:23	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 01:23	WG2234559
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 01:23	WG2234559
Dibromomethane	U		0.0188	0.125	1	02/28/2024 01:23	WG2234559
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 01:23	WG2234559
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 01:23	WG2234559
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 01:23	WG2234559
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 01:23	WG2234559
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 01:23	WG2234559
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 01:23	WG2234559
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 01:23	WG2234559
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 01:23	WG2234559
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 01:23	WG2234559
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 01:23	WG2234559
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 01:23	WG2234559
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 01:23	WG2234559
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 01:23	WG2234559
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 01:23	WG2234559
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 01:23	WG2234559
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 01:23	WG2234559
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 01:23	WG2234559
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 01:23	WG2234559
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 01:23	WG2234559
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 01:23	WG2234559
n-Hexane	U		0.0565	0.125	1	02/28/2024 01:23	WG2234559
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 01:23	WG2234559
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 01:23	WG2234559
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 01:23	WG2234559
Methylene Chloride	U		0.166	0.625	1	02/28/2024 01:23	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 01:23	WG2234559
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 01:23	WG2234559
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 01:23	WG2234559
Naphthalene	U		0.122	0.313	1	02/28/2024 01:23	WG2234559
Propene	U		0.153	1.25	1	02/28/2024 01:23	WG2234559
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 01:23	WG2234559
Styrene	U		0.00573	0.313	1	02/28/2024 01:23	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 01:23	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 01:23	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 01:23	WG2234559
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 01:23	WG2234559
Toluene	U		0.0325	0.125	1	02/28/2024 01:23	WG2234559
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 01:23	WG2234559
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 01:23	WG2234559
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 01:23	WG2234559
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 01:23	WG2234559
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 01:23	WG2234559
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 01:23	WG2234559
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 01:23	WG2234559
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 01:23	WG2234559
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 01:23	WG2234559
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 01:23	WG2234559
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 01:23	WG2234559
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 01:23	WG2234559
(S) Toluene-d8	*94.0*			*75.0-131*		*02/28/2024 01:23*	WG2234559
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*		*02/28/2024 01:23*	WG2234559
(S) 1,2-Dichloroethane-d4	*79.6*			*70.0-130*		*02/28/2024 01:23*	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 01:44	WG2234559
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 01:44	WG2234559
Benzene	U		0.0117	0.0250	1	02/28/2024 01:44	WG2234559
Bromobenzene	U		0.0225	0.313	1	02/28/2024 01:44	WG2234559
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 01:44	WG2234559
Bromoform	U		0.0293	0.625	1	02/28/2024 01:44	WG2234559
Bromomethane	U		0.0493	0.313	1	02/28/2024 01:44	WG2234559
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 01:44	WG2234559
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 01:44	WG2234559
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 01:44	WG2234559
tert-Butylbenzene	U	L2	0.0488	0.125	1	02/28/2024 01:44	WG2234559
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 01:44	WG2234559
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 01:44	WG2234559
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 01:44	WG2234559
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 01:44	WG2234559
Chloroethane	U		0.0425	0.125	1	02/28/2024 01:44	WG2234559
Chloroform	U		0.0258	0.0625	1	02/28/2024 01:44	WG2234559
Chloromethane	U		0.109	0.313	1	02/28/2024 01:44	WG2234559
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 01:44	WG2234559
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 01:44	WG2234559
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 01:44	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 01:44	WG2234559
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 01:44	WG2234559
Dibromomethane	U		0.0188	0.125	1	02/28/2024 01:44	WG2234559
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 01:44	WG2234559
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 01:44	WG2234559
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 01:44	WG2234559
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 01:44	WG2234559
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 01:44	WG2234559
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 01:44	WG2234559
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 01:44	WG2234559
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 01:44	WG2234559
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 01:44	WG2234559
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 01:44	WG2234559
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 01:44	WG2234559
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 01:44	WG2234559
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 01:44	WG2234559
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 01:44	WG2234559
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 01:44	WG2234559
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 01:44	WG2234559
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 01:44	WG2234559
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 01:44	WG2234559
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 01:44	WG2234559
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 01:44	WG2234559
n-Hexane	U		0.0565	0.125	1	02/28/2024 01:44	WG2234559
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 01:44	WG2234559
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 01:44	WG2234559
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 01:44	WG2234559
Methylene Chloride	U		0.166	0.625	1	02/28/2024 01:44	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 01:44	WG2234559
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 01:44	WG2234559
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 01:44	WG2234559
Naphthalene	U		0.122	0.313	1	02/28/2024 01:44	WG2234559
Propene	U		0.153	1.25	1	02/28/2024 01:44	WG2234559
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 01:44	WG2234559
Styrene	U		0.00573	0.313	1	02/28/2024 01:44	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 01:44	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 01:44	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 01:44	WG2234559
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 01:44	WG2234559
Toluene	U		0.0325	0.125	1	02/28/2024 01:44	WG2234559
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 01:44	WG2234559
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 01:44	WG2234559
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 01:44	WG2234559
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 01:44	WG2234559
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 01:44	WG2234559
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 01:44	WG2234559
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 01:44	WG2234559
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 01:44	WG2234559
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 01:44	WG2234559
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 01:44	WG2234559
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 01:44	WG2234559
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 01:44	WG2234559
(S) Toluene-d8	*92.1*			*75.0-131*		*02/28/2024 01:44*	WG2234559
(S) 4-Bromofluorobenzene	*92.4*			*67.0-138*		*02/28/2024 01:44*	WG2234559
(S) 1,2-Dichloroethane-d4	*80.9*			*70.0-130*		*02/28/2024 01:44*	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 02:06	WG2234559
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 02:06	WG2234559
Benzene	U		0.0117	0.0250	1	02/28/2024 02:06	WG2234559
Bromobenzene	U		0.0225	0.313	1	02/28/2024 02:06	WG2234559
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 02:06	WG2234559
Bromoform	U		0.0293	0.625	1	02/28/2024 02:06	WG2234559
Bromomethane	U		0.0493	0.313	1	02/28/2024 02:06	WG2234559
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 02:06	WG2234559
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 02:06	WG2234559
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 02:06	WG2234559
tert-Butylbenzene	U	L2	0.0488	0.125	1	02/28/2024 02:06	WG2234559
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 02:06	WG2234559
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 02:06	WG2234559
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 02:06	WG2234559
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 02:06	WG2234559
Chloroethane	U		0.0425	0.125	1	02/28/2024 02:06	WG2234559
Chloroform	U		0.0258	0.0625	1	02/28/2024 02:06	WG2234559
Chloromethane	U		0.109	0.313	1	02/28/2024 02:06	WG2234559
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 02:06	WG2234559
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 02:06	WG2234559
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 02:06	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 02:06	WG2234559
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 02:06	WG2234559
Dibromomethane	U		0.0188	0.125	1	02/28/2024 02:06	WG2234559
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 02:06	WG2234559
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 02:06	WG2234559
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 02:06	WG2234559
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 02:06	WG2234559
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 02:06	WG2234559
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 02:06	WG2234559
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 02:06	WG2234559
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 02:06	WG2234559
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 02:06	WG2234559
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 02:06	WG2234559
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 02:06	WG2234559
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 02:06	WG2234559
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 02:06	WG2234559
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 02:06	WG2234559
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 02:06	WG2234559
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 02:06	WG2234559
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 02:06	WG2234559
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 02:06	WG2234559
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 02:06	WG2234559
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 02:06	WG2234559
n-Hexane	U		0.0565	0.125	1	02/28/2024 02:06	WG2234559
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 02:06	WG2234559
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 02:06	WG2234559
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 02:06	WG2234559
Methylene Chloride	U		0.166	0.625	1	02/28/2024 02:06	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 02:06	WG2234559
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 02:06	WG2234559
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 02:06	WG2234559
Naphthalene	U		0.122	0.313	1	02/28/2024 02:06	WG2234559
Propene	U		0.153	1.25	1	02/28/2024 02:06	WG2234559
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 02:06	WG2234559
Styrene	U		0.00573	0.313	1	02/28/2024 02:06	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 02:06	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 02:06	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 02:06	WG2234559
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 02:06	WG2234559
Toluene	U		0.0325	0.125	1	02/28/2024 02:06	WG2234559
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 02:06	WG2234559
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 02:06	WG2234559
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 02:06	WG2234559
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 02:06	WG2234559
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 02:06	WG2234559
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 02:06	WG2234559
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 02:06	WG2234559
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 02:06	WG2234559
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 02:06	WG2234559
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 02:06	WG2234559
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 02:06	WG2234559
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 02:06	WG2234559
(S) Toluene-d8	*95.6*			*75.0-131*		*02/28/2024 02:06*	WG2234559
(S) 4-Bromofluorobenzene	*96.1*			*67.0-138*		*02/28/2024 02:06*	WG2234559
(S) 1,2-Dichloroethane-d4	*82.9*			*70.0-130*		*02/28/2024 02:06*	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 02:28	WG2234559
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 02:28	WG2234559
Benzene	U		0.0117	0.0250	1	02/28/2024 02:28	WG2234559
Bromobenzene	U		0.0225	0.313	1	02/28/2024 02:28	WG2234559
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 02:28	WG2234559
Bromoform	U		0.0293	0.625	1	02/28/2024 02:28	WG2234559
Bromomethane	U		0.0493	0.313	1	02/28/2024 02:28	WG2234559
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 02:28	WG2234559
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 02:28	WG2234559
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 02:28	WG2234559
tert-Butylbenzene	U	L2	0.0488	0.125	1	02/28/2024 02:28	WG2234559
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 02:28	WG2234559
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 02:28	WG2234559
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 02:28	WG2234559
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 02:28	WG2234559
Chloroethane	U		0.0425	0.125	1	02/28/2024 02:28	WG2234559
Chloroform	U		0.0258	0.0625	1	02/28/2024 02:28	WG2234559
Chloromethane	U		0.109	0.313	1	02/28/2024 02:28	WG2234559
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 02:28	WG2234559
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 02:28	WG2234559
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 02:28	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 02:28	WG2234559
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 02:28	WG2234559
Dibromomethane	U		0.0188	0.125	1	02/28/2024 02:28	WG2234559
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 02:28	WG2234559
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 02:28	WG2234559
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 02:28	WG2234559
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 02:28	WG2234559
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 02:28	WG2234559
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 02:28	WG2234559
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 02:28	WG2234559
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 02:28	WG2234559
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 02:28	WG2234559
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 02:28	WG2234559
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 02:28	WG2234559
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 02:28	WG2234559
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 02:28	WG2234559
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 02:28	WG2234559
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 02:28	WG2234559
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 02:28	WG2234559
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 02:28	WG2234559
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 02:28	WG2234559
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 02:28	WG2234559
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 02:28	WG2234559
n-Hexane	U		0.0565	0.125	1	02/28/2024 02:28	WG2234559
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 02:28	WG2234559
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 02:28	WG2234559
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 02:28	WG2234559
Methylene Chloride	U		0.166	0.625	1	02/28/2024 02:28	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 02:28	WG2234559
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 02:28	WG2234559
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 02:28	WG2234559
Naphthalene	U		0.122	0.313	1	02/28/2024 02:28	WG2234559
Propene	U		0.153	1.25	1	02/28/2024 02:28	WG2234559
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 02:28	WG2234559
Styrene	U		0.00573	0.313	1	02/28/2024 02:28	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 02:28	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 02:28	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 02:28	WG2234559
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 02:28	WG2234559
Toluene	U		0.0325	0.125	1	02/28/2024 02:28	WG2234559
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 02:28	WG2234559
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 02:28	WG2234559
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 02:28	WG2234559
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 02:28	WG2234559
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 02:28	WG2234559
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 02:28	WG2234559
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 02:28	WG2234559
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 02:28	WG2234559
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 02:28	WG2234559
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 02:28	WG2234559
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 02:28	WG2234559
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 02:28	WG2234559
(S) Toluene-d8	*94.4*			*75.0-131*		*02/28/2024 02:28*	WG2234559
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*		*02/28/2024 02:28*	WG2234559
(S) 1,2-Dichloroethane-d4	*80.0*			*70.0-130*		*02/28/2024 02:28*	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 18:57	WG2236113
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 18:57	WG2236113
Benzene	0.0434		0.0117	0.0250	1	02/28/2024 18:57	WG2236113
Bromobenzene	U		0.0225	0.313	1	02/28/2024 18:57	WG2236113
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 18:57	WG2236113
Bromoform	U		0.0293	0.625	1	02/28/2024 18:57	WG2236113
Bromomethane	U		0.0493	0.313	1	02/28/2024 18:57	WG2236113
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 18:57	WG2236113
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 18:57	WG2236113
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 18:57	WG2236113
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 18:57	WG2236113
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 18:57	WG2236113
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 18:57	WG2236113
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 18:57	WG2236113
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 18:57	WG2236113
Chloroethane	U		0.0425	0.125	1	02/28/2024 18:57	WG2236113
Chloroform	U		0.0258	0.0625	1	02/28/2024 18:57	WG2236113
Chloromethane	U		0.109	0.313	1	02/28/2024 18:57	WG2236113
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 18:57	WG2236113
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 18:57	WG2236113
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 18:57	WG2236113
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 20:20	WG2236786
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 18:57	WG2236113
Dibromomethane	U		0.0188	0.125	1	02/28/2024 18:57	WG2236113
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 18:57	WG2236113
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 18:57	WG2236113
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 18:57	WG2236113
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 18:57	WG2236113
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 18:57	WG2236113
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 18:57	WG2236113
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 18:57	WG2236113
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 18:57	WG2236113
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 18:57	WG2236113
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 18:57	WG2236113
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 18:57	WG2236113
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 18:57	WG2236113
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 18:57	WG2236113
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 18:57	WG2236113
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 18:57	WG2236113
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 18:57	WG2236113
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 18:57	WG2236113
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 18:57	WG2236113
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 18:57	WG2236113
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 18:57	WG2236113
n-Hexane	U		0.0565	0.125	1	02/28/2024 18:57	WG2236113
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 18:57	WG2236113
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 18:57	WG2236113
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 18:57	WG2236113
Methylene Chloride	U		0.166	0.625	1	02/28/2024 18:57	WG2236113
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 18:57	WG2236113
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 18:57	WG2236113
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 18:57	WG2236113
Naphthalene	U		0.122	0.313	1	02/29/2024 20:20	WG2236786
Propene	U	R7	0.153	1.25	1	02/29/2024 20:20	WG2236786
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 18:57	WG2236113
Styrene	U		0.00573	0.313	1	02/28/2024 18:57	WG2236113

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 18:57	WG2236113
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 18:57	WG2236113
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 18:57	WG2236113
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 18:57	WG2236113
Toluene	0.0448	E4	0.0325	0.125	1	02/28/2024 18:57	WG2236113
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 18:57	WG2236113
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 18:57	WG2236113
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 18:57	WG2236113
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 18:57	WG2236113
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 18:57	WG2236113
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 18:57	WG2236113
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 18:57	WG2236113
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 18:57	WG2236113
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 18:57	WG2236113
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 18:57	WG2236113
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 18:57	WG2236113
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 18:57	WG2236113
(S) Toluene-d8	*104*			*75.0-131*		*02/28/2024 18:57*	WG2236113
(S) Toluene-d8	*99.1*			*75.0-131*		*02/29/2024 20:20*	WG2236786
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/28/2024 18:57*	WG2236113
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/29/2024 20:20*	WG2236786
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*02/28/2024 18:57*	WG2236113
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*02/29/2024 20:20*	WG2236786

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 19:17	WG2236113
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 19:17	WG2236113
Benzene	0.0344		0.0117	0.0250	1	02/28/2024 19:17	WG2236113
Bromobenzene	U		0.0225	0.313	1	02/28/2024 19:17	WG2236113
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 19:17	WG2236113
Bromoform	U		0.0293	0.625	1	02/28/2024 19:17	WG2236113
Bromomethane	U		0.0493	0.313	1	02/28/2024 19:17	WG2236113
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 19:17	WG2236113
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 19:17	WG2236113
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 19:17	WG2236113
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 19:17	WG2236113
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 19:17	WG2236113
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 19:17	WG2236113
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 19:17	WG2236113
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 19:17	WG2236113
Chloroethane	U		0.0425	0.125	1	02/28/2024 19:17	WG2236113
Chloroform	U		0.0258	0.0625	1	02/28/2024 19:17	WG2236113
Chloromethane	U		0.109	0.313	1	02/28/2024 19:17	WG2236113
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 19:17	WG2236113
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 19:17	WG2236113
Cyclohexane	0.0859		0.0278	0.0625	1	02/28/2024 19:17	WG2236113
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 20:40	WG2236786
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 19:17	WG2236113
Dibromomethane	U		0.0188	0.125	1	02/28/2024 19:17	WG2236113
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 19:17	WG2236113
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 19:17	WG2236113
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 19:17	WG2236113
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 19:17	WG2236113
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 19:17	WG2236113
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 19:17	WG2236113
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 19:17	WG2236113
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 19:17	WG2236113
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 19:17	WG2236113
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 19:17	WG2236113
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 19:17	WG2236113
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 19:17	WG2236113
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 19:17	WG2236113
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 19:17	WG2236113
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 19:17	WG2236113
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 19:17	WG2236113
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 19:17	WG2236113
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 19:17	WG2236113
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 19:17	WG2236113
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 19:17	WG2236113
n-Hexane	0.0873	E4	0.0565	0.125	1	02/28/2024 19:17	WG2236113
Isopropylbenzene	0.0137	E4	0.0106	0.0625	1	02/28/2024 19:17	WG2236113
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 19:17	WG2236113
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 19:17	WG2236113
Methylene Chloride	U		0.166	0.625	1	02/28/2024 19:17	WG2236113
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 19:17	WG2236113
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 19:17	WG2236113
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 19:17	WG2236113
Naphthalene	U		0.122	0.313	1	02/29/2024 20:40	WG2236786
Propene	U	R7	0.153	1.25	1	02/29/2024 20:40	WG2236786
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 19:17	WG2236113
Styrene	U		0.00573	0.313	1	02/28/2024 19:17	WG2236113

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 19:17	WG2236113
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 19:17	WG2236113
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 19:17	WG2236113
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 19:17	WG2236113
Toluene	0.0517	E4	0.0325	0.125	1	02/28/2024 19:17	WG2236113
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 19:17	WG2236113
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 19:17	WG2236113
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 19:17	WG2236113
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 19:17	WG2236113
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 19:17	WG2236113
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 19:17	WG2236113
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 19:17	WG2236113
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 19:17	WG2236113
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 19:17	WG2236113
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 19:17	WG2236113
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 19:17	WG2236113
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 19:17	WG2236113
(S) Toluene-d8	*104*			*75.0-131*		*02/28/2024 19:17*	WG2236113
(S) Toluene-d8	*97.7*			*75.0-131*		*02/29/2024 20:40*	WG2236786
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*02/28/2024 19:17*	WG2236113
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*02/29/2024 20:40*	WG2236786
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*02/28/2024 19:17*	WG2236113
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*02/29/2024 20:40*	WG2236786

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.83	2.50	2	02/28/2024 03:33	WG2234559
Acrylonitrile	U		0.181	0.625	2	02/28/2024 03:33	WG2234559
Benzene	U		0.0234	0.0500	2	02/28/2024 03:33	WG2234559
Bromobenzene	U		0.0450	0.625	2	02/28/2024 03:33	WG2234559
Bromodichloromethane	U		0.0363	0.125	2	02/28/2024 03:33	WG2234559
Bromoform	U		0.0585	1.25	2	02/28/2024 03:33	WG2234559
Bromomethane	U		0.0985	0.625	2	02/28/2024 03:33	WG2234559
1,3-Butadiene	U		0.257	1.25	2	02/28/2024 03:33	WG2234559
n-Butylbenzene	U		0.263	0.625	2	02/28/2024 03:33	WG2234559
sec-Butylbenzene	U		0.144	0.625	2	02/28/2024 03:33	WG2234559
tert-Butylbenzene	U	L2	0.0975	0.250	2	02/28/2024 03:33	WG2234559
Carbon disulfide	U		0.0350	0.625	2	02/28/2024 03:33	WG2234559
Carbon tetrachloride	U		0.0449	0.250	2	02/28/2024 03:33	WG2234559
Chlorobenzene	U		0.0105	0.125	2	02/28/2024 03:33	WG2234559
Chlorodibromomethane	U		0.0306	0.125	2	02/28/2024 03:33	WG2234559
Chloroethane	U		0.0850	0.250	2	02/28/2024 03:33	WG2234559
Chloroform	U		0.0515	0.125	2	02/28/2024 03:33	WG2234559
Chloromethane	U		0.218	0.625	2	02/28/2024 03:33	WG2234559
2-Chlorotoluene	U		0.0433	0.125	2	02/28/2024 03:33	WG2234559
4-Chlorotoluene	U		0.0225	0.250	2	02/28/2024 03:33	WG2234559
Cyclohexane	0.106	E4	0.0555	0.125	2	02/28/2024 03:33	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.195	1.25	2	02/28/2024 03:33	WG2234559
1,2-Dibromoethane	U		0.0324	0.125	2	02/28/2024 03:33	WG2234559
Dibromomethane	U		0.0375	0.250	2	02/28/2024 03:33	WG2234559
1,2-Dichlorobenzene	U		0.0213	0.250	2	02/28/2024 03:33	WG2234559
1,3-Dichlorobenzene	U		0.0300	0.250	2	02/28/2024 03:33	WG2234559
1,4-Dichlorobenzene	U		0.0350	0.250	2	02/28/2024 03:33	WG2234559
Dichlorodifluoromethane	U		0.0805	0.125	2	02/28/2024 03:33	WG2234559
1,1-Dichloroethane	U		0.0246	0.125	2	02/28/2024 03:33	WG2234559
1,2-Dichloroethane	U		0.0325	0.125	2	02/28/2024 03:33	WG2234559
1,1-Dichloroethene	U		0.0303	0.125	2	02/28/2024 03:33	WG2234559
cis-1,2-Dichloroethene	U		0.0367	0.125	2	02/28/2024 03:33	WG2234559
trans-1,2-Dichloroethene	U		0.0520	0.250	2	02/28/2024 03:33	WG2234559
1,2-Dichloropropane	U		0.0710	0.250	2	02/28/2024 03:33	WG2234559
1,1-Dichloropropene	U		0.0405	0.125	2	02/28/2024 03:33	WG2234559
1,3-Dichloropropane	U		0.0251	0.250	2	02/28/2024 03:33	WG2234559
cis-1,3-Dichloropropene	U		0.0379	0.125	2	02/28/2024 03:33	WG2234559
trans-1,3-Dichloropropene	U		0.0570	0.250	2	02/28/2024 03:33	WG2234559
2,2-Dichloropropane	U		0.0690	0.125	2	02/28/2024 03:33	WG2234559
Dicyclopentadiene	U		0.0825	0.625	2	02/28/2024 03:33	WG2234559
Di-isopropyl ether	U		0.0205	0.0500	2	02/28/2024 03:33	WG2234559
Ethylbenzene	U		0.0369	0.125	2	02/28/2024 03:33	WG2234559
4-Ethyltoluene	U		0.116	0.250	2	02/28/2024 03:33	WG2234559
Hexachloro-1,3-butadiene	U		0.300	1.25	2	02/28/2024 03:33	WG2234559
n-Hexane	0.129	E4	0.113	0.250	2	02/28/2024 03:33	WG2234559
Isopropylbenzene	U		0.0213	0.125	2	02/28/2024 03:33	WG2234559
p-Isopropyltoluene	U		0.128	0.250	2	02/28/2024 03:33	WG2234559
2-Butanone (MEK)	U		3.18	5.00	2	02/28/2024 03:33	WG2234559
Methylene Chloride	U		0.332	1.25	2	02/28/2024 03:33	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.114	1.25	2	02/28/2024 03:33	WG2234559
Methyl tert-butyl ether	U		0.0175	0.0500	2	02/28/2024 03:33	WG2234559
Methyl Cyclohexane	U		0.103	0.250	2	02/28/2024 03:33	WG2234559
Naphthalene	U		0.244	0.625	2	02/28/2024 03:33	WG2234559
Propene	U		0.306	2.50	2	02/28/2024 03:33	WG2234559
n-Propylbenzene	U		0.0475	0.250	2	02/28/2024 03:33	WG2234559
Styrene	U		0.0115	0.625	2	02/28/2024 03:33	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0474	0.125	2	02/28/2024 03:33	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0348	0.125	2	02/28/2024 03:33	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0377	0.125	2	02/28/2024 03:33	WG2234559
Tetrachloroethene	U		0.0448	0.125	2	02/28/2024 03:33	WG2234559
Toluene	U		0.0650	0.250	2	02/28/2024 03:33	WG2234559
1,2,3-Trichlorobenzene	U		0.367	0.625	2	02/28/2024 03:33	WG2234559
1,2,4-Trichlorobenzene	U		0.220	0.625	2	02/28/2024 03:33	WG2234559
1,1,1-Trichloroethane	U		0.0461	0.125	2	02/28/2024 03:33	WG2234559
1,1,2-Trichloroethane	U		0.0299	0.125	2	02/28/2024 03:33	WG2234559
Trichloroethene	U		0.0292	0.0500	2	02/28/2024 03:33	WG2234559
Trichlorofluoromethane	U		0.0414	0.125	2	02/28/2024 03:33	WG2234559
1,2,3-Trichloropropane	U		0.0810	0.625	2	02/28/2024 03:33	WG2234559
1,2,4-Trimethylbenzene	U		0.0790	0.250	2	02/28/2024 03:33	WG2234559
1,2,3-Trimethylbenzene	U		0.0790	0.250	2	02/28/2024 03:33	WG2234559
1,3,5-Trimethylbenzene	U		0.100	0.250	2	02/28/2024 03:33	WG2234559
Vinyl chloride	U		0.0580	0.125	2	02/28/2024 03:33	WG2234559
Xylenes, Total	U		0.0440	0.325	2	02/28/2024 03:33	WG2234559
(S) Toluene-d8	*95.2*			*75.0-131*		*02/28/2024 03:33*	WG2234559
(S) 4-Bromofluorobenzene	*97.2*			*67.0-138*		*02/28/2024 03:33*	WG2234559
(S) 1,2-Dichloroethane-d4	*82.9*			*70.0-130*		*02/28/2024 03:33*	WG2234559

Sample Narrative:

L1708616-09 WG2234559: Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.83	2.50	2	02/28/2024 03:55	WG2234559
Acrylonitrile	U		0.181	0.625	2	02/28/2024 03:55	WG2234559
Benzene	0.330		0.0234	0.0500	2	02/28/2024 03:55	WG2234559
Bromobenzene	U		0.0450	0.625	2	02/28/2024 03:55	WG2234559
Bromodichloromethane	U		0.0363	0.125	2	02/28/2024 03:55	WG2234559
Bromoform	U		0.0585	1.25	2	02/28/2024 03:55	WG2234559
Bromomethane	U		0.0985	0.625	2	02/28/2024 03:55	WG2234559
1,3-Butadiene	U		0.257	1.25	2	02/28/2024 03:55	WG2234559
n-Butylbenzene	U		0.263	0.625	2	02/28/2024 03:55	WG2234559
sec-Butylbenzene	U		0.144	0.625	2	02/28/2024 03:55	WG2234559
tert-Butylbenzene	U	L2	0.0975	0.250	2	02/28/2024 03:55	WG2234559
Carbon disulfide	U		0.0350	0.625	2	02/28/2024 03:55	WG2234559
Carbon tetrachloride	U		0.0449	0.250	2	02/28/2024 03:55	WG2234559
Chlorobenzene	U		0.0105	0.125	2	02/28/2024 03:55	WG2234559
Chlorodibromomethane	U		0.0306	0.125	2	02/28/2024 03:55	WG2234559
Chloroethane	U		0.0850	0.250	2	02/28/2024 03:55	WG2234559
Chloroform	U		0.0515	0.125	2	02/28/2024 03:55	WG2234559
Chloromethane	U		0.218	0.625	2	02/28/2024 03:55	WG2234559
2-Chlorotoluene	U		0.0433	0.125	2	02/28/2024 03:55	WG2234559
4-Chlorotoluene	U		0.0225	0.250	2	02/28/2024 03:55	WG2234559
Cyclohexane	0.154		0.0555	0.125	2	02/28/2024 03:55	WG2234559
1,2-Dibromo-3-Chloropropane	U		0.195	1.25	2	02/28/2024 03:55	WG2234559
1,2-Dibromoethane	U		0.0324	0.125	2	02/28/2024 03:55	WG2234559
Dibromomethane	U		0.0375	0.250	2	02/28/2024 03:55	WG2234559
1,2-Dichlorobenzene	U		0.0213	0.250	2	02/28/2024 03:55	WG2234559
1,3-Dichlorobenzene	U		0.0300	0.250	2	02/28/2024 03:55	WG2234559
1,4-Dichlorobenzene	U		0.0350	0.250	2	02/28/2024 03:55	WG2234559
Dichlorodifluoromethane	U		0.0805	0.125	2	02/28/2024 03:55	WG2234559
1,1-Dichloroethane	U		0.0246	0.125	2	02/28/2024 03:55	WG2234559
1,2-Dichloroethane	U		0.0325	0.125	2	02/28/2024 03:55	WG2234559
1,1-Dichloroethene	U		0.0303	0.125	2	02/28/2024 03:55	WG2234559
cis-1,2-Dichloroethene	U		0.0367	0.125	2	02/28/2024 03:55	WG2234559
trans-1,2-Dichloroethene	U		0.0520	0.250	2	02/28/2024 03:55	WG2234559
1,2-Dichloropropane	U		0.0710	0.250	2	02/28/2024 03:55	WG2234559
1,1-Dichloropropene	U		0.0405	0.125	2	02/28/2024 03:55	WG2234559
1,3-Dichloropropane	U		0.0251	0.250	2	02/28/2024 03:55	WG2234559
cis-1,3-Dichloropropene	U		0.0379	0.125	2	02/28/2024 03:55	WG2234559
trans-1,3-Dichloropropene	U		0.0570	0.250	2	02/28/2024 03:55	WG2234559
2,2-Dichloropropane	U		0.0690	0.125	2	02/28/2024 03:55	WG2234559
Dicyclopentadiene	U		0.0825	0.625	2	02/28/2024 03:55	WG2234559
Di-isopropyl ether	U		0.0205	0.0500	2	02/28/2024 03:55	WG2234559
Ethylbenzene	0.0547	E4	0.0369	0.125	2	02/28/2024 03:55	WG2234559
4-Ethyltoluene	U		0.116	0.250	2	02/28/2024 03:55	WG2234559
Hexachloro-1,3-butadiene	U		0.300	1.25	2	02/28/2024 03:55	WG2234559
n-Hexane	0.345		0.113	0.250	2	02/28/2024 03:55	WG2234559
Isopropylbenzene	U		0.0213	0.125	2	02/28/2024 03:55	WG2234559
p-Isopropyltoluene	U		0.128	0.250	2	02/28/2024 03:55	WG2234559
2-Butanone (MEK)	U		3.18	5.00	2	02/28/2024 03:55	WG2234559
Methylene Chloride	U		0.332	1.25	2	02/28/2024 03:55	WG2234559
4-Methyl-2-pentanone (MIBK)	U		0.114	1.25	2	02/28/2024 03:55	WG2234559
Methyl tert-butyl ether	U		0.0175	0.0500	2	02/28/2024 03:55	WG2234559
Methyl Cyclohexane	U		0.103	0.250	2	02/28/2024 03:55	WG2234559
Naphthalene	U		0.244	0.625	2	02/28/2024 03:55	WG2234559
Propene	U		0.306	2.50	2	02/28/2024 03:55	WG2234559
n-Propylbenzene	U		0.0475	0.250	2	02/28/2024 03:55	WG2234559
Styrene	U		0.0115	0.625	2	02/28/2024 03:55	WG2234559

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0474	0.125	2	02/28/2024 03:55	WG2234559
1,1,2,2-Tetrachloroethane	U		0.0348	0.125	2	02/28/2024 03:55	WG2234559
1,1,2-Trichlorotrifluoroethane	U		0.0377	0.125	2	02/28/2024 03:55	WG2234559
Tetrachloroethene	U		0.0448	0.125	2	02/28/2024 03:55	WG2234559
Toluene	0.815		0.0650	0.250	2	02/28/2024 03:55	WG2234559
1,2,3-Trichlorobenzene	U		0.367	0.625	2	02/28/2024 03:55	WG2234559
1,2,4-Trichlorobenzene	U		0.220	0.625	2	02/28/2024 03:55	WG2234559
1,1,1-Trichloroethane	U		0.0461	0.125	2	02/28/2024 03:55	WG2234559
1,1,2-Trichloroethane	U		0.0299	0.125	2	02/28/2024 03:55	WG2234559
Trichloroethene	U		0.0292	0.0500	2	02/28/2024 03:55	WG2234559
Trichlorofluoromethane	U		0.0414	0.125	2	02/28/2024 03:55	WG2234559
1,2,3-Trichloropropane	U		0.0810	0.625	2	02/28/2024 03:55	WG2234559
1,2,4-Trimethylbenzene	U		0.0790	0.250	2	02/28/2024 03:55	WG2234559
1,2,3-Trimethylbenzene	U		0.0790	0.250	2	02/28/2024 03:55	WG2234559
1,3,5-Trimethylbenzene	U		0.100	0.250	2	02/28/2024 03:55	WG2234559
Vinyl chloride	U		0.0580	0.125	2	02/28/2024 03:55	WG2234559
Xylenes, Total	0.109	E4	0.0440	0.325	2	02/28/2024 03:55	WG2234559
(S) Toluene-d8	*94.0*			*75.0-131*		*02/28/2024 03:55*	WG2234559
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*		*02/28/2024 03:55*	WG2234559
(S) 1,2-Dichloroethane-d4	*80.4*			*70.0-130*		*02/28/2024 03:55*	WG2234559

Sample Narrative:

L1708616-10 WG2234559: Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 19:38	WG2236113
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 19:38	WG2236113
Benzene	0.0134	E4	0.0117	0.0250	1	02/28/2024 19:38	WG2236113
Bromobenzene	U		0.0225	0.313	1	02/28/2024 19:38	WG2236113
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 19:38	WG2236113
Bromoform	U		0.0293	0.625	1	02/28/2024 19:38	WG2236113
Bromomethane	U		0.0493	0.313	1	02/28/2024 19:38	WG2236113
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 19:38	WG2236113
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 19:38	WG2236113
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 19:38	WG2236113
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 19:38	WG2236113
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 19:38	WG2236113
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 19:38	WG2236113
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 19:38	WG2236113
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 19:38	WG2236113
Chloroethane	U		0.0425	0.125	1	02/28/2024 19:38	WG2236113
Chloroform	U		0.0258	0.0625	1	02/28/2024 19:38	WG2236113
Chloromethane	U		0.109	0.313	1	02/28/2024 19:38	WG2236113
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 19:38	WG2236113
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 19:38	WG2236113
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 19:38	WG2236113
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 21:00	WG2236786
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 19:38	WG2236113
Dibromomethane	U		0.0188	0.125	1	02/28/2024 19:38	WG2236113
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 19:38	WG2236113
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 19:38	WG2236113
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 19:38	WG2236113
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 19:38	WG2236113
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 19:38	WG2236113
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 19:38	WG2236113
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 19:38	WG2236113
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 19:38	WG2236113
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 19:38	WG2236113
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 19:38	WG2236113
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 19:38	WG2236113
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 19:38	WG2236113
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 19:38	WG2236113
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 19:38	WG2236113
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 19:38	WG2236113
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 19:38	WG2236113
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 19:38	WG2236113
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 19:38	WG2236113
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 19:38	WG2236113
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 19:38	WG2236113
n-Hexane	U		0.0565	0.125	1	02/28/2024 19:38	WG2236113
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 19:38	WG2236113
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 19:38	WG2236113
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 19:38	WG2236113
Methylene Chloride	U		0.166	0.625	1	02/28/2024 19:38	WG2236113
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 19:38	WG2236113
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 19:38	WG2236113
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 19:38	WG2236113
Naphthalene	U		0.122	0.313	1	02/29/2024 21:00	WG2236786
Propene	U	R7	0.153	1.25	1	02/29/2024 21:00	WG2236786
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 19:38	WG2236113
Styrene	U		0.00573	0.313	1	02/28/2024 19:38	WG2236113

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 19:38	WG2236113
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 19:38	WG2236113
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 19:38	WG2236113
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 19:38	WG2236113
Toluene	0.0479	E4	0.0325	0.125	1	02/28/2024 19:38	WG2236113
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 19:38	WG2236113
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 19:38	WG2236113
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 19:38	WG2236113
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 19:38	WG2236113
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 19:38	WG2236113
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 19:38	WG2236113
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 19:38	WG2236113
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 19:38	WG2236113
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 19:38	WG2236113
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 19:38	WG2236113
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 19:38	WG2236113
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 19:38	WG2236113
(S) Toluene-d8	*105*			*75.0-131*		*02/28/2024 19:38*	WG2236113
(S) Toluene-d8	*97.3*			*75.0-131*		*02/29/2024 21:00*	WG2236786
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*02/28/2024 19:38*	WG2236113
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/29/2024 21:00*	WG2236786
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*02/28/2024 19:38*	WG2236113
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*02/29/2024 21:00*	WG2236786

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 19:58	WG2236113
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 19:58	WG2236113
Benzene	0.0548		0.0117	0.0250	1	02/28/2024 19:58	WG2236113
Bromobenzene	U		0.0225	0.313	1	02/28/2024 19:58	WG2236113
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 19:58	WG2236113
Bromoform	U		0.0293	0.625	1	02/28/2024 19:58	WG2236113
Bromomethane	U		0.0493	0.313	1	02/28/2024 19:58	WG2236113
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 19:58	WG2236113
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 19:58	WG2236113
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 19:58	WG2236113
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 19:58	WG2236113
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 19:58	WG2236113
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 19:58	WG2236113
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 19:58	WG2236113
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 19:58	WG2236113
Chloroethane	U		0.0425	0.125	1	02/28/2024 19:58	WG2236113
Chloroform	U		0.0258	0.0625	1	02/28/2024 19:58	WG2236113
Chloromethane	U		0.109	0.313	1	02/28/2024 19:58	WG2236113
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 19:58	WG2236113
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 19:58	WG2236113
Cyclohexane	0.0749		0.0278	0.0625	1	02/28/2024 19:58	WG2236113
1,2-Dibromo-3-Chloropropane	U		0.195	1.25	2	02/29/2024 21:20	WG2236786
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 19:58	WG2236113
Dibromomethane	U		0.0188	0.125	1	02/28/2024 19:58	WG2236113
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 19:58	WG2236113
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 19:58	WG2236113
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 19:58	WG2236113
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 19:58	WG2236113
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 19:58	WG2236113
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 19:58	WG2236113
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 19:58	WG2236113
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 19:58	WG2236113
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 19:58	WG2236113
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 19:58	WG2236113
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 19:58	WG2236113
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 19:58	WG2236113
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 19:58	WG2236113
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 19:58	WG2236113
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 19:58	WG2236113
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 19:58	WG2236113
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 19:58	WG2236113
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 19:58	WG2236113
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 19:58	WG2236113
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 19:58	WG2236113
n-Hexane	0.106	E4	0.0565	0.125	1	02/28/2024 19:58	WG2236113
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 19:58	WG2236113
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 19:58	WG2236113
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 19:58	WG2236113
Methylene Chloride	U		0.166	0.625	1	02/28/2024 19:58	WG2236113
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 19:58	WG2236113
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 19:58	WG2236113
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 19:58	WG2236113
Naphthalene	U		0.244	0.625	2	02/29/2024 21:20	WG2236786
Propene	U	R7	0.306	2.50	2	02/29/2024 21:20	WG2236786
n-Propylbenzene	U		0.0238	0.125	1	02/28/2024 19:58	WG2236113
Styrene	U		0.00573	0.313	1	02/28/2024 19:58	WG2236113

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 19:58	WG2236113
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 19:58	WG2236113
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 19:58	WG2236113
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 19:58	WG2236113
Toluene	0.128		0.0325	0.125	1	02/28/2024 19:58	WG2236113
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 19:58	WG2236113
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 19:58	WG2236113
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 19:58	WG2236113
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 19:58	WG2236113
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 19:58	WG2236113
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 19:58	WG2236113
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 19:58	WG2236113
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 19:58	WG2236113
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 19:58	WG2236113
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 19:58	WG2236113
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 19:58	WG2236113
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 19:58	WG2236113
(S) Toluene-d8	*103*			*75.0-131*		*02/28/2024 19:58*	WG2236113
(S) Toluene-d8	*95.4*			*75.0-131*		*02/29/2024 21:20*	WG2236786
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/28/2024 19:58*	WG2236113
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/29/2024 21:20*	WG2236786
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*02/28/2024 19:58*	WG2236113
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*02/29/2024 21:20*	WG2236786

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		730	1000	800	02/28/2024 21:18	WG2236113
Acrylonitrile	U		72.2	250	800	02/28/2024 21:18	WG2236113
Benzene	136		9.34	20.0	800	02/28/2024 21:18	WG2236113
Bromobenzene	U		18.0	250	800	02/28/2024 21:18	WG2236113
Bromodichloromethane	U		14.5	50.0	800	02/28/2024 21:18	WG2236113
Bromoform	U		23.4	500	800	02/28/2024 21:18	WG2236113
Bromomethane	U		39.4	250	800	02/28/2024 21:18	WG2236113
1,3-Butadiene	U		103	500	800	02/28/2024 21:18	WG2236113
n-Butylbenzene	U		105	250	800	02/28/2024 21:18	WG2236113
sec-Butylbenzene	U		57.6	250	800	02/28/2024 21:18	WG2236113
tert-Butylbenzene	U		39.0	100	800	02/28/2024 21:18	WG2236113
Carbon disulfide	U		14.0	250	800	02/28/2024 21:18	WG2236113
Carbon tetrachloride	U		18.0	100	800	02/28/2024 21:18	WG2236113
Chlorobenzene	U		4.20	50.0	800	02/28/2024 21:18	WG2236113
Chlorodibromomethane	U		12.2	50.0	800	02/28/2024 21:18	WG2236113
Chloroethane	U		34.0	100	800	02/28/2024 21:18	WG2236113
Chloroform	U		20.6	50.0	800	02/28/2024 21:18	WG2236113
Chloromethane	U		87.0	250	800	02/28/2024 21:18	WG2236113
2-Chlorotoluene	U		17.3	50.0	800	02/28/2024 21:18	WG2236113
4-Chlorotoluene	U		9.00	100	800	02/28/2024 21:18	WG2236113
Cyclohexane	231		22.2	50.0	800	02/28/2024 21:18	WG2236113
1,2-Dibromo-3-Chloropropane	U		78.0	500	800	02/29/2024 21:39	WG2236786
1,2-Dibromoethane	U		13.0	50.0	800	02/28/2024 21:18	WG2236113
Dibromomethane	U		15.0	100	800	02/28/2024 21:18	WG2236113
1,2-Dichlorobenzene	U		8.50	100	800	02/28/2024 21:18	WG2236113
1,3-Dichlorobenzene	U		12.0	100	800	02/28/2024 21:18	WG2236113
1,4-Dichlorobenzene	U		14.0	100	800	02/28/2024 21:18	WG2236113
Dichlorodifluoromethane	U		32.2	50.0	800	02/28/2024 21:18	WG2236113
1,1-Dichloroethane	U		9.82	50.0	800	02/28/2024 21:18	WG2236113
1,2-Dichloroethane	U		13.0	50.0	800	02/28/2024 21:18	WG2236113
1,1-Dichloroethene	U		12.1	50.0	800	02/28/2024 21:18	WG2236113
cis-1,2-Dichloroethene	U		14.7	50.0	800	02/28/2024 21:18	WG2236113
trans-1,2-Dichloroethene	U		20.8	100	800	02/28/2024 21:18	WG2236113
1,2-Dichloropropane	U		28.4	100	800	02/28/2024 21:18	WG2236113
1,1-Dichloropropene	U		16.2	50.0	800	02/28/2024 21:18	WG2236113
1,3-Dichloropropane	U		10.0	100	800	02/28/2024 21:18	WG2236113
cis-1,3-Dichloropropene	U		15.1	50.0	800	02/28/2024 21:18	WG2236113
trans-1,3-Dichloropropene	U		22.8	100	800	02/28/2024 21:18	WG2236113
2,2-Dichloropropane	U		27.6	50.0	800	02/28/2024 21:18	WG2236113
Dicyclopentadiene	U		33.0	250	800	02/28/2024 21:18	WG2236113
Di-isopropyl ether	U		8.20	20.0	800	02/28/2024 21:18	WG2236113
Ethylbenzene	250		14.7	50.0	800	02/28/2024 21:18	WG2236113
4-Ethyltoluene	290		46.4	100	800	02/28/2024 21:18	WG2236113
Hexachloro-1,3-butadiene	U		120	500	800	02/28/2024 21:18	WG2236113
n-Hexane	267		45.2	100	800	02/28/2024 21:18	WG2236113
Isopropylbenzene	22.2	E4	8.50	50.0	800	02/28/2024 21:18	WG2236113
p-Isopropyltoluene	U		51.0	100	800	02/28/2024 21:18	WG2236113
2-Butanone (MEK)	U		1270	2000	800	02/28/2024 21:18	WG2236113
Methylene Chloride	U		133	500	800	02/28/2024 21:18	WG2236113
4-Methyl-2-pentanone (MIBK)	U		45.6	500	800	02/28/2024 21:18	WG2236113
Methyl tert-butyl ether	U		7.00	20.0	800	02/28/2024 21:18	WG2236113
Methyl Cyclohexane	166		41.2	100	800	02/28/2024 21:18	WG2236113
Naphthalene	U		97.6	250	800	02/29/2024 21:39	WG2236786
Propene	U	R7	122	1000	800	02/29/2024 21:39	WG2236786
n-Propylbenzene	67.5	E4	19.0	100	800	02/28/2024 21:18	WG2236113
Styrene	10.6	E4	4.58	250	800	02/28/2024 21:18	WG2236113

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		19.0	50.0	800	02/28/2024 21:18	WG2236113
1,1,2,2-Tetrachloroethane	U		13.9	50.0	800	02/28/2024 21:18	WG2236113
1,1,2-Trichlorotrifluoroethane	U		15.1	50.0	800	02/28/2024 21:18	WG2236113
Tetrachloroethene	U		17.9	50.0	800	02/28/2024 21:18	WG2236113
Toluene	1010		26.0	100	800	02/28/2024 21:18	WG2236113
1,2,3-Trichlorobenzene	U		147	250	800	02/28/2024 21:18	WG2236113
1,2,4-Trichlorobenzene	U		88.0	250	800	02/28/2024 21:18	WG2236113
1,1,1-Trichloroethane	U		18.5	50.0	800	02/28/2024 21:18	WG2236113
1,1,2-Trichloroethane	U		11.9	50.0	800	02/28/2024 21:18	WG2236113
Trichloroethene	U		11.7	20.0	800	02/28/2024 21:18	WG2236113
Trichlorofluoromethane	U		16.5	50.0	800	02/28/2024 21:18	WG2236113
1,2,3-Trichloropropane	U		32.4	250	800	02/28/2024 21:18	WG2236113
1,2,4-Trimethylbenzene	333		31.6	100	800	02/28/2024 21:18	WG2236113
1,2,3-Trimethylbenzene	72.4	E4	31.6	100	800	02/28/2024 21:18	WG2236113
1,3,5-Trimethylbenzene	92.2	E4	40.0	100	800	02/28/2024 21:18	WG2236113
Vinyl chloride	U		23.2	50.0	800	02/28/2024 21:18	WG2236113
Xylenes, Total	1040		17.6	130	800	02/28/2024 21:18	WG2236113
(S) Toluene-d8	*102*			*75.0-131*		*02/28/2024 21:18*	WG2236113
(S) Toluene-d8	*97.5*			*75.0-131*		*02/29/2024 21:39*	WG2236786
(S) 4-Bromofluorobenzene	*99.2*			*67.0-138*		*02/28/2024 21:18*	WG2236113
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/29/2024 21:39*	WG2236786
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*02/28/2024 21:18*	WG2236113
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*02/29/2024 21:39*	WG2236786

Sample Narrative:

L1708616-13 WG2236113: Target and Non-target compounds too high to run at a lower dilution.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		365	500	400	02/28/2024 21:38	WG2236113
Acrylonitrile	U		36.1	125	400	02/28/2024 21:38	WG2236113
Benzene	61.9		4.67	10.0	400	02/28/2024 21:38	WG2236113
Bromobenzene	U		9.00	125	400	02/28/2024 21:38	WG2236113
Bromodichloromethane	U		7.25	25.0	400	02/28/2024 21:38	WG2236113
Bromoform	U		11.7	250	400	02/28/2024 21:38	WG2236113
Bromomethane	U		19.7	125	400	02/28/2024 21:38	WG2236113
1,3-Butadiene	U		51.3	250	400	02/28/2024 21:38	WG2236113
n-Butylbenzene	U		52.5	125	400	02/28/2024 21:38	WG2236113
sec-Butylbenzene	U		28.8	125	400	02/28/2024 21:38	WG2236113
tert-Butylbenzene	U		19.5	50.0	400	02/28/2024 21:38	WG2236113
Carbon disulfide	U		7.00	125	400	02/28/2024 21:38	WG2236113
Carbon tetrachloride	U		8.98	50.0	400	02/28/2024 21:38	WG2236113
Chlorobenzene	U		2.10	25.0	400	02/28/2024 21:38	WG2236113
Chlorodibromomethane	U		6.12	25.0	400	02/28/2024 21:38	WG2236113
Chloroethane	U		17.0	50.0	400	02/28/2024 21:38	WG2236113
Chloroform	U		10.3	25.0	400	02/28/2024 21:38	WG2236113
Chloromethane	U		43.5	125	400	02/28/2024 21:38	WG2236113
2-Chlorotoluene	U		8.65	25.0	400	02/28/2024 21:38	WG2236113
4-Chlorotoluene	U		4.50	50.0	400	02/28/2024 21:38	WG2236113
Cyclohexane	128		11.1	25.0	400	02/28/2024 21:38	WG2236113
1,2-Dibromo-3-Chloropropane	U		39.0	250	400	02/29/2024 21:59	WG2236786
1,2-Dibromoethane	U		6.48	25.0	400	02/28/2024 21:38	WG2236113
Dibromomethane	U		7.50	50.0	400	02/28/2024 21:38	WG2236113
1,2-Dichlorobenzene	U		4.25	50.0	400	02/28/2024 21:38	WG2236113
1,3-Dichlorobenzene	U		6.00	50.0	400	02/28/2024 21:38	WG2236113
1,4-Dichlorobenzene	U		7.00	50.0	400	02/28/2024 21:38	WG2236113
Dichlorodifluoromethane	U		16.1	25.0	400	02/28/2024 21:38	WG2236113
1,1-Dichloroethane	U		4.91	25.0	400	02/28/2024 21:38	WG2236113
1,2-Dichloroethane	U		6.49	25.0	400	02/28/2024 21:38	WG2236113
1,1-Dichloroethene	U		6.06	25.0	400	02/28/2024 21:38	WG2236113
cis-1,2-Dichloroethene	U		7.34	25.0	400	02/28/2024 21:38	WG2236113
trans-1,2-Dichloroethene	U		10.4	50.0	400	02/28/2024 21:38	WG2236113
1,2-Dichloropropane	U		14.2	50.0	400	02/28/2024 21:38	WG2236113
1,1-Dichloropropene	U		8.09	25.0	400	02/28/2024 21:38	WG2236113
1,3-Dichloropropane	U		5.01	50.0	400	02/28/2024 21:38	WG2236113
cis-1,3-Dichloropropene	U		7.57	25.0	400	02/28/2024 21:38	WG2236113
trans-1,3-Dichloropropene	U		11.4	50.0	400	02/28/2024 21:38	WG2236113
2,2-Dichloropropane	U		13.8	25.0	400	02/28/2024 21:38	WG2236113
Dicyclopentadiene	U		16.5	125	400	02/28/2024 21:38	WG2236113
Di-isopropyl ether	U		4.10	10.0	400	02/28/2024 21:38	WG2236113
Ethylbenzene	119		7.37	25.0	400	02/28/2024 21:38	WG2236113
4-Ethyltoluene	139		23.2	50.0	400	02/28/2024 21:38	WG2236113
Hexachloro-1,3-butadiene	U		60.0	250	400	02/28/2024 21:38	WG2236113
n-Hexane	162		22.6	50.0	400	02/28/2024 21:38	WG2236113
Isopropylbenzene	10.6	E4	4.25	25.0	400	02/28/2024 21:38	WG2236113
p-Isopropyltoluene	U		25.5	50.0	400	02/28/2024 21:38	WG2236113
2-Butanone (MEK)	U		635	1000	400	02/28/2024 21:38	WG2236113
Methylene Chloride	U		66.4	250	400	02/28/2024 21:38	WG2236113
4-Methyl-2-pentanone (MIBK)	U		22.8	250	400	02/28/2024 21:38	WG2236113
Methyl tert-butyl ether	U		3.50	10.0	400	02/28/2024 21:38	WG2236113
Methyl Cyclohexane	99.7		20.6	50.0	400	02/28/2024 21:38	WG2236113
Naphthalene	U		48.8	125	400	02/29/2024 21:59	WG2236786
Propene	U	R7	61.2	500	400	02/29/2024 21:59	WG2236786
n-Propylbenzene	32.2	E4	9.50	50.0	400	02/28/2024 21:38	WG2236113
Styrene	U		2.29	125	400	02/28/2024 21:38	WG2236113

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		9.48	25.0	400	02/28/2024 21:38	WG2236113
1,1,2,2-Tetrachloroethane	U		6.95	25.0	400	02/28/2024 21:38	WG2236113
1,1,2-Trichlorotrifluoroethane	U		7.54	25.0	400	02/28/2024 21:38	WG2236113
Tetrachloroethene	U		8.96	25.0	400	02/28/2024 21:38	WG2236113
Toluene	469		13.0	50.0	400	02/28/2024 21:38	WG2236113
1,2,3-Trichlorobenzene	U		73.3	125	400	02/28/2024 21:38	WG2236113
1,2,4-Trichlorobenzene	U		44.0	125	400	02/28/2024 21:38	WG2236113
1,1,1-Trichloroethane	U		9.23	25.0	400	02/28/2024 21:38	WG2236113
1,1,2-Trichloroethane	U		5.97	25.0	400	02/28/2024 21:38	WG2236113
Trichloroethene	U		5.84	10.0	400	02/28/2024 21:38	WG2236113
Trichlorofluoromethane	U		8.27	25.0	400	02/28/2024 21:38	WG2236113
1,2,3-Trichloropropane	U		16.2	125	400	02/28/2024 21:38	WG2236113
1,2,4-Trimethylbenzene	160		15.8	50.0	400	02/28/2024 21:38	WG2236113
1,2,3-Trimethylbenzene	35.7	E4	15.8	50.0	400	02/28/2024 21:38	WG2236113
1,3,5-Trimethylbenzene	44.1	E4	20.0	50.0	400	02/28/2024 21:38	WG2236113
Vinyl chloride	U		11.6	25.0	400	02/28/2024 21:38	WG2236113
Xylenes, Total	486		8.80	65.0	400	02/28/2024 21:38	WG2236113
(S) Toluene-d8	*102*			*75.0-131*		*02/28/2024 21:38*	WG2236113
(S) Toluene-d8	*96.4*			*75.0-131*		*02/29/2024 21:59*	WG2236786
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*02/28/2024 21:38*	WG2236113
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*02/29/2024 21:59*	WG2236786
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*		*02/28/2024 21:38*	WG2236113
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*02/29/2024 21:59*	WG2236786

Sample Narrative:

L1708616-14 WG2236113, WG2236786: Target and Non-target compounds too high to run at a lower dilution.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.83	2.50	2	02/28/2024 20:18	WG2236113
Acrylonitrile	U		0.181	0.625	2	02/28/2024 20:18	WG2236113
Benzene	0.372		0.0234	0.0500	2	02/28/2024 20:18	WG2236113
Bromobenzene	U		0.0450	0.625	2	02/28/2024 20:18	WG2236113
Bromodichloromethane	U		0.0363	0.125	2	02/28/2024 20:18	WG2236113
Bromoform	U		0.0585	1.25	2	02/28/2024 20:18	WG2236113
Bromomethane	U		0.0985	0.625	2	02/28/2024 20:18	WG2236113
1,3-Butadiene	U		0.257	1.25	2	02/28/2024 20:18	WG2236113
n-Butylbenzene	U		0.263	0.625	2	02/28/2024 20:18	WG2236113
sec-Butylbenzene	U		0.144	0.625	2	02/28/2024 20:18	WG2236113
tert-Butylbenzene	U		0.0975	0.250	2	02/28/2024 20:18	WG2236113
Carbon disulfide	U		0.0350	0.625	2	02/28/2024 20:18	WG2236113
Carbon tetrachloride	U		0.0449	0.250	2	02/28/2024 20:18	WG2236113
Chlorobenzene	U		0.0105	0.125	2	02/28/2024 20:18	WG2236113
Chlorodibromomethane	U		0.0306	0.125	2	02/28/2024 20:18	WG2236113
Chloroethane	U		0.0850	0.250	2	02/28/2024 20:18	WG2236113
Chloroform	U		0.0515	0.125	2	02/28/2024 20:18	WG2236113
Chloromethane	U		0.218	0.625	2	02/28/2024 20:18	WG2236113
2-Chlorotoluene	U		0.0433	0.125	2	02/28/2024 20:18	WG2236113
4-Chlorotoluene	U		0.0225	0.250	2	02/28/2024 20:18	WG2236113
Cyclohexane	0.198		0.0555	0.125	2	02/28/2024 20:18	WG2236113
1,2-Dibromo-3-Chloropropane	U		0.195	1.25	2	02/29/2024 22:19	WG2236786
1,2-Dibromoethane	U		0.0324	0.125	2	02/28/2024 20:18	WG2236113
Dibromomethane	U		0.0375	0.250	2	02/28/2024 20:18	WG2236113
1,2-Dichlorobenzene	U		0.0213	0.250	2	02/28/2024 20:18	WG2236113
1,3-Dichlorobenzene	U		0.0300	0.250	2	02/28/2024 20:18	WG2236113
1,4-Dichlorobenzene	U		0.0350	0.250	2	02/28/2024 20:18	WG2236113
Dichlorodifluoromethane	U		0.0805	0.125	2	02/28/2024 20:18	WG2236113
1,1-Dichloroethane	U		0.0246	0.125	2	02/28/2024 20:18	WG2236113
1,2-Dichloroethane	U		0.0325	0.125	2	02/28/2024 20:18	WG2236113
1,1-Dichloroethene	U		0.0303	0.125	2	02/28/2024 20:18	WG2236113
cis-1,2-Dichloroethene	U		0.0367	0.125	2	02/28/2024 20:18	WG2236113
trans-1,2-Dichloroethene	U		0.0520	0.250	2	02/28/2024 20:18	WG2236113
1,2-Dichloropropane	U		0.0710	0.250	2	02/28/2024 20:18	WG2236113
1,1-Dichloropropene	U		0.0405	0.125	2	02/28/2024 20:18	WG2236113
1,3-Dichloropropane	U		0.0251	0.250	2	02/28/2024 20:18	WG2236113
cis-1,3-Dichloropropene	U		0.0379	0.125	2	02/28/2024 20:18	WG2236113
trans-1,3-Dichloropropene	U		0.0570	0.250	2	02/28/2024 20:18	WG2236113
2,2-Dichloropropane	U		0.0690	0.125	2	02/28/2024 20:18	WG2236113
Dicyclopentadiene	U		0.0825	0.625	2	02/28/2024 20:18	WG2236113
Di-isopropyl ether	U		0.0205	0.0500	2	02/28/2024 20:18	WG2236113
Ethylbenzene	0.0773	E4	0.0369	0.125	2	02/28/2024 20:18	WG2236113
4-Ethyltoluene	U		0.116	0.250	2	02/28/2024 20:18	WG2236113
Hexachloro-1,3-butadiene	U		0.300	1.25	2	02/28/2024 20:18	WG2236113
n-Hexane	0.134	E4	0.113	0.250	2	02/28/2024 20:18	WG2236113
Isopropylbenzene	U		0.0213	0.125	2	02/28/2024 20:18	WG2236113
p-Isopropyltoluene	U		0.128	0.250	2	02/28/2024 20:18	WG2236113
2-Butanone (MEK)	U		3.18	5.00	2	02/28/2024 20:18	WG2236113
Methylene Chloride	U		0.332	1.25	2	02/28/2024 20:18	WG2236113
4-Methyl-2-pentanone (MIBK)	U		0.114	1.25	2	02/28/2024 20:18	WG2236113
Methyl tert-butyl ether	U		0.0175	0.0500	2	02/28/2024 20:18	WG2236113
Methyl Cyclohexane	0.111	E4	0.103	0.250	2	02/28/2024 20:18	WG2236113
Naphthalene	U		0.244	0.625	2	02/29/2024 22:19	WG2236786
Propene	U	R7	0.306	2.50	2	02/29/2024 22:19	WG2236786
n-Propylbenzene	U		0.0475	0.250	2	02/28/2024 20:18	WG2236113
Styrene	U		0.0115	0.625	2	02/28/2024 20:18	WG2236113

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0474	0.125	2	02/28/2024 20:18	WG2236113
1,1,2,2-Tetrachloroethane	U		0.0348	0.125	2	02/28/2024 20:18	WG2236113
1,1,2-Trichlorotrifluoroethane	U		0.0377	0.125	2	02/28/2024 20:18	WG2236113
Tetrachloroethene	U		0.0448	0.125	2	02/28/2024 20:18	WG2236113
Toluene	1.32		0.0650	0.250	2	02/28/2024 20:18	WG2236113
1,2,3-Trichlorobenzene	U		0.367	0.625	2	02/28/2024 20:18	WG2236113
1,2,4-Trichlorobenzene	U		0.220	0.625	2	02/28/2024 20:18	WG2236113
1,1,1-Trichloroethane	U		0.0461	0.125	2	02/28/2024 20:18	WG2236113
1,1,2-Trichloroethane	U		0.0299	0.125	2	02/28/2024 20:18	WG2236113
Trichloroethene	U		0.0292	0.0500	2	02/28/2024 20:18	WG2236113
Trichlorofluoromethane	U		0.0414	0.125	2	02/28/2024 20:18	WG2236113
1,2,3-Trichloropropane	U		0.0810	0.625	2	02/28/2024 20:18	WG2236113
1,2,4-Trimethylbenzene	U		0.0790	0.250	2	02/28/2024 20:18	WG2236113
1,2,3-Trimethylbenzene	U		0.0790	0.250	2	02/28/2024 20:18	WG2236113
1,3,5-Trimethylbenzene	U		0.100	0.250	2	02/28/2024 20:18	WG2236113
Vinyl chloride	U		0.0580	0.125	2	02/28/2024 20:18	WG2236113
Xylenes, Total	0.234	E4	0.0440	0.325	2	02/28/2024 20:18	WG2236113
(S) Toluene-d8	*103*			*75.0-131*		*02/28/2024 20:18*	WG2236113
(S) Toluene-d8	*96.1*			*75.0-131*		*02/29/2024 22:19*	WG2236786
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*02/28/2024 20:18*	WG2236113
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/29/2024 22:19*	WG2236786
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*02/28/2024 20:18*	WG2236113
(S) 1,2-Dichloroethane-d4	*95.7*			*70.0-130*		*02/29/2024 22:19*	WG2236786

Sample Narrative:

L1708616-15 WG2236113, WG2236786: Target and Non-target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	02/25/2024 16:49	WG2233783
Acrolein	U		2.54	50.0	1	02/25/2024 16:49	WG2233783
Acrylonitrile	U		0.671	10.0	1	02/25/2024 16:49	WG2233783
Benzene	U		0.0941	1.00	1	02/25/2024 16:49	WG2233783
Bromobenzene	U		0.118	1.00	1	02/25/2024 16:49	WG2233783
Bromodichloromethane	U		0.136	1.00	1	02/25/2024 16:49	WG2233783
Bromoform	U		0.129	1.00	1	02/25/2024 16:49	WG2233783
Bromomethane	U		0.605	5.00	1	02/25/2024 16:49	WG2233783
1,3-Butadiene	U		0.299	2.00	1	02/25/2024 16:49	WG2233783
n-Butylbenzene	U		0.157	1.00	1	02/25/2024 16:49	WG2233783
sec-Butylbenzene	U		0.125	1.00	1	02/25/2024 16:49	WG2233783
tert-Butylbenzene	U		0.127	1.00	1	02/25/2024 16:49	WG2233783
Carbon tetrachloride	U		0.128	1.00	1	02/25/2024 16:49	WG2233783
Carbon disulfide	U		0.0962	1.00	1	02/25/2024 16:49	WG2233783
Chlorobenzene	U		0.116	1.00	1	02/25/2024 16:49	WG2233783
Chlorodibromomethane	U	L2	0.140	1.00	1	02/25/2024 16:49	WG2233783
Chloroethane	U		0.192	5.00	1	02/25/2024 16:49	WG2233783
Chloroform	U		0.111	5.00	1	02/25/2024 16:49	WG2233783
Chloromethane	U		0.960	2.50	1	02/25/2024 16:49	WG2233783
Cyclohexane	U		0.188	1.00	1	02/25/2024 16:49	WG2233783
2-Chlorotoluene	U		0.106	1.00	1	02/25/2024 16:49	WG2233783
4-Chlorotoluene	U		0.114	1.00	1	02/25/2024 16:49	WG2233783
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	02/25/2024 16:49	WG2233783
1,2-Dibromoethane	U		0.126	1.00	1	02/25/2024 16:49	WG2233783
Dibromomethane	U		0.122	1.00	1	02/25/2024 16:49	WG2233783
1,2-Dichlorobenzene	U		0.107	1.00	1	02/25/2024 16:49	WG2233783
1,3-Dichlorobenzene	U	L2	0.110	1.00	1	02/25/2024 16:49	WG2233783
1,4-Dichlorobenzene	U		0.120	1.00	1	02/25/2024 16:49	WG2233783
Dichlorodifluoromethane	U		0.374	5.00	1	02/25/2024 16:49	WG2233783
1,1-Dichloroethane	U		0.100	1.00	1	02/25/2024 16:49	WG2233783
1,2-Dichloroethane	U		0.0819	1.00	1	02/25/2024 16:49	WG2233783
1,1-Dichloroethene	U		0.188	1.00	1	02/25/2024 16:49	WG2233783
cis-1,2-Dichloroethene	U		0.126	1.00	1	02/25/2024 16:49	WG2233783
trans-1,2-Dichloroethene	U		0.149	1.00	1	02/25/2024 16:49	WG2233783
1,2-Dichloropropane	U		0.149	1.00	1	02/25/2024 16:49	WG2233783
1,1-Dichloropropene	U		0.142	1.00	1	02/25/2024 16:49	WG2233783
1,3-Dichloropropane	U		0.110	1.00	1	02/25/2024 16:49	WG2233783
cis-1,3-Dichloropropene	U		0.111	1.00	1	02/25/2024 16:49	WG2233783
trans-1,3-Dichloropropene	U		0.118	1.00	1	02/25/2024 16:49	WG2233783
2,2-Dichloropropane	U		0.161	1.00	1	02/25/2024 16:49	WG2233783
Dicyclopentadiene	U		0.253	1.00	1	02/25/2024 16:49	WG2233783
Di-isopropyl ether	U		0.105	1.00	1	02/25/2024 16:49	WG2233783
Ethylbenzene	U		0.137	1.00	1	02/25/2024 16:49	WG2233783
4-Ethyltoluene	U		0.208	1.00	1	02/25/2024 16:49	WG2233783
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/25/2024 16:49	WG2233783
n-Hexane	U		0.749	10.0	1	02/25/2024 16:49	WG2233783
Isopropylbenzene	U		0.105	1.00	1	02/25/2024 16:49	WG2233783
p-Isopropyltoluene	U		0.120	1.00	1	02/25/2024 16:49	WG2233783
2-Butanone (MEK)	U		1.19	10.0	1	02/25/2024 16:49	WG2233783
Methyl Cyclohexane	U		0.660	1.00	1	02/25/2024 16:49	WG2233783
Methylene Chloride	U		0.430	5.00	1	02/25/2024 16:49	WG2233783
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	02/25/2024 16:49	WG2233783
Methyl tert-butyl ether	U		0.101	1.00	1	02/25/2024 16:49	WG2233783
Naphthalene	U		1.00	5.00	1	02/25/2024 16:49	WG2233783
Propene	U		0.936	2.50	1	02/25/2024 16:49	WG2233783
n-Propylbenzene	U		0.0993	1.00	1	02/25/2024 16:49	WG2233783

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U	L2	0.118	1.00	1	02/25/2024 16:49	WG2233783
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	02/25/2024 16:49	WG2233783
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	02/25/2024 16:49	WG2233783
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	02/25/2024 16:49	WG2233783
Tetrachloroethene	U		0.300	1.00	1	02/25/2024 16:49	WG2233783
Toluene	U		0.278	1.00	1	02/25/2024 16:49	WG2233783
1,2,3-Trichlorobenzene	U		0.230	1.00	1	02/25/2024 16:49	WG2233783
1,2,4-Trichlorobenzene	U		0.481	1.00	1	02/25/2024 16:49	WG2233783
1,1,1-Trichloroethane	U		0.149	1.00	1	02/25/2024 16:49	WG2233783
1,1,2-Trichloroethane	U		0.158	1.00	1	02/25/2024 16:49	WG2233783
Trichloroethene	U		0.190	1.00	1	02/25/2024 16:49	WG2233783
Trichlorofluoromethane	U	R7	0.160	5.00	1	02/25/2024 16:49	WG2233783
1,2,3-Trichloropropane	U		0.237	2.50	1	02/25/2024 16:49	WG2233783
1,2,4-Trimethylbenzene	U		0.322	1.00	1	02/25/2024 16:49	WG2233783
1,2,3-Trimethylbenzene	U		0.104	1.00	1	02/25/2024 16:49	WG2233783
1,3,5-Trimethylbenzene	U		0.104	1.00	1	02/25/2024 16:49	WG2233783
Vinyl chloride	U		0.234	1.00	1	02/25/2024 16:49	WG2233783
Xylenes, Total	U		0.174	3.00	1	02/25/2024 16:49	WG2233783
(S) Toluene-d8	*107*			*80.0-120*		*02/25/2024 16:49*	WG2233783
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*02/25/2024 16:49*	WG2233783
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*02/25/2024 16:49*	WG2233783

Method Blank (MB)

(MB) R4038564-2 02/25/24 13:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4038564-2 02/25/24 13:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*101*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4038564-1 02/25/24 11:42 • (LCSD) R4038564-3 02/25/24 14:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	20.2	18.3	80.8	73.2	19.0-160			9.87	27
Acrolein	25.0	13.5	13.9	54.0	55.6	30.0-160			2.92	26
Acrylonitrile	25.0	23.1	20.6	92.4	82.4	55.0-149			11.4	20
Benzene	5.00	5.02	4.53	100	90.6	70.0-123			10.3	20
Bromobenzene	5.00	4.76	4.43	95.2	88.6	73.0-121			7.18	20
Bromodichloromethane	5.00	4.67	4.27	93.4	85.4	75.0-120			8.95	20
Bromoform	5.00	3.69	3.51	73.8	70.2	68.0-132			5.00	20
Bromomethane	5.00	3.06	3.45	61.2	69.0	30.0-160			12.0	25
1,3-Butadiene	5.00	5.96	5.45	119	109	45.0-147			8.94	20
n-Butylbenzene	5.00	3.82	3.84	76.4	76.8	73.0-125			0.522	20
sec-Butylbenzene	5.00	4.41	4.12	88.2	82.4	75.0-125			6.80	20
tert-Butylbenzene	5.00	4.62	4.28	92.4	85.6	76.0-124			7.64	20
Carbon tetrachloride	5.00	4.97	4.24	99.4	84.8	68.0-126			15.9	20
Carbon disulfide	5.00	4.35	4.12	87.0	82.4	61.0-128			5.43	20
Chlorobenzene	5.00	4.49	4.22	89.8	84.4	80.0-121			6.20	20
Chlorodibromomethane	5.00	4.06	3.69	81.2	73.8	77.0-125		L2	9.55	20
Chloroethane	5.00	4.54	4.29	90.8	85.8	47.0-150			5.66	20
Chloroform	5.00	4.68	4.16	93.6	83.2	73.0-120			11.8	20
Chloromethane	5.00	5.58	5.46	112	109	41.0-142			2.17	20
Cyclohexane	5.00	4.75	4.09	95.0	81.8	71.0-124			14.9	20
2-Chlorotoluene	5.00	4.88	4.42	97.6	88.4	76.0-123			9.89	20
4-Chlorotoluene	5.00	4.54	4.10	90.8	82.0	75.0-122			10.2	20
1,2-Dibromo-3-Chloropropane	5.00	4.07	3.67	81.4	73.4	58.0-134			10.3	20
1,2-Dibromoethane	5.00	4.44	4.11	88.8	82.2	80.0-122			7.72	20
Dibromomethane	5.00	4.57	4.27	91.4	85.4	80.0-120			6.79	20
1,2-Dichlorobenzene	5.00	4.37	3.96	87.4	79.2	79.0-121			9.84	20
1,3-Dichlorobenzene	5.00	4.25	3.80	85.0	76.0	79.0-120		L2	11.2	20
1,4-Dichlorobenzene	5.00	4.31	4.00	86.2	80.0	79.0-120			7.46	20
Dichlorodifluoromethane	5.00	4.42	4.16	88.4	83.2	51.0-149			6.06	20
1,1-Dichloroethane	5.00	5.23	4.80	105	96.0	70.0-126			8.57	20
1,2-Dichloroethane	5.00	5.04	4.42	101	88.4	70.0-128			13.1	20
1,1-Dichloroethene	5.00	4.94	4.45	98.8	89.0	71.0-124			10.4	20
cis-1,2-Dichloroethene	5.00	4.83	4.55	96.6	91.0	73.0-120			5.97	20
trans-1,2-Dichloroethene	5.00	4.85	4.48	97.0	89.6	73.0-120			7.93	20
1,2-Dichloropropane	5.00	5.48	4.94	110	98.8	77.0-125			10.4	20
1,1-Dichloropropene	5.00	5.25	4.68	105	93.6	74.0-126			11.5	20
1,3-Dichloropropane	5.00	4.75	4.47	95.0	89.4	80.0-120			6.07	20
cis-1,3-Dichloropropene	5.00	4.73	4.29	94.6	85.8	80.0-123			9.76	20
trans-1,3-Dichloropropene	5.00	3.95	4.02	79.0	80.4	78.0-124			1.76	20
2,2-Dichloropropane	5.00	5.11	4.82	102	96.4	58.0-130			5.84	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4038564-1 02/25/24 11:42 • (LCSD) R4038564-3 02/25/24 14:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	4.55	4.22	91.0	84.4	74.0-126			7.53	20
Di-isopropyl ether	5.00	6.18	5.74	124	115	58.0-138			7.38	20
Ethylbenzene	5.00	4.45	4.01	89.0	80.2	79.0-123			10.4	20
4-Ethyltoluene	5.00	4.47	4.24	89.4	84.8	74.0-127			5.28	20
Hexachloro-1,3-butadiene	5.00	4.39	4.02	87.8	80.4	54.0-138			8.80	20
n-Hexane	5.00	5.19	4.63	104	92.6	57.0-133			11.4	20
Isopropylbenzene	5.00	4.43	4.00	88.6	80.0	76.0-127			10.2	20
p-Isopropyltoluene	5.00	4.70	4.31	94.0	86.2	76.0-125			8.66	20
2-Butanone (MEK)	25.0	24.0	22.0	96.0	88.0	44.0-160			8.70	20
Methyl Cyclohexane	5.00	4.68	4.14	93.6	82.8	68.0-126			12.2	20
Methylene Chloride	5.00	4.74	4.35	94.8	87.0	67.0-120			8.58	20
4-Methyl-2-pentanone (MIBK)	25.0	24.6	22.1	98.4	88.4	68.0-142			10.7	20
Methyl tert-butyl ether	5.00	5.30	4.98	106	99.6	68.0-125			6.23	20
Naphthalene	5.00	4.09	3.73	81.8	74.6	54.0-135			9.21	20
Propene	5.00	4.13	3.83	82.6	76.6	30.0-160			7.54	20
n-Propylbenzene	5.00	4.57	4.26	91.4	85.2	77.0-124			7.02	20
Styrene	5.00	3.58	3.46	71.6	69.2	73.0-130	L2	L2	3.41	20
1,1,1,2-Tetrachloroethane	5.00	4.64	4.22	92.8	84.4	75.0-125			9.48	20
1,1,2,2-Tetrachloroethane	5.00	4.63	4.31	92.6	86.2	65.0-130			7.16	20
1,1,2-Trichlorotrifluoroethane	5.00	4.73	4.13	94.6	82.6	69.0-132			13.5	20
Tetrachloroethene	5.00	4.53	3.89	90.6	77.8	72.0-132			15.2	20
Toluene	5.00	4.48	4.20	89.6	84.0	79.0-120			6.45	20
1,2,3-Trichlorobenzene	5.00	3.95	3.64	79.0	72.8	50.0-138			8.17	20
1,2,4-Trichlorobenzene	5.00	4.09	3.41	81.8	68.2	57.0-137			18.1	20
1,1,1-Trichloroethane	5.00	4.84	4.40	96.8	88.0	73.0-124			9.52	20
1,1,2-Trichloroethane	5.00	4.57	4.25	91.4	85.0	80.0-120			7.26	20
Trichloroethene	5.00	4.81	4.56	96.2	91.2	78.0-124			5.34	20
Trichlorofluoromethane	5.00	4.51	3.68	90.2	73.6	59.0-147		R7	20.3	20
1,2,3-Trichloropropane	5.00	4.77	4.31	95.4	86.2	73.0-130			10.1	20
1,2,4-Trimethylbenzene	5.00	4.80	4.48	96.0	89.6	76.0-121			6.90	20
1,2,3-Trimethylbenzene	5.00	4.77	4.49	95.4	89.8	77.0-120			6.05	20
1,3,5-Trimethylbenzene	5.00	4.77	4.34	95.4	86.8	76.0-122			9.44	20
Vinyl chloride	5.00	5.03	4.77	101	95.4	67.0-131			5.31	20
Xylenes, Total	15.0	13.3	12.3	88.7	82.0	79.0-123			7.81	20
(S) Toluene-d8				*101*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.4*	*98.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R4039152-3 02/27/24 18:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4039152-3 02/27/24 18:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*93.2*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*80.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039152-1 02/27/24 16:33 • (LCSD) R4039152-2 02/27/24 16:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.492	0.464	78.7	74.2	30.0-160			5.86	31
Acrylonitrile	0.625	0.590	0.599	94.4	95.8	45.0-153			1.51	22
Benzene	0.125	0.117	0.123	93.6	98.4	70.0-123			5.00	20
Bromobenzene	0.125	0.114	0.118	91.2	94.4	73.0-121			3.45	20
Bromodichloromethane	0.125	0.117	0.121	93.6	96.8	73.0-121			3.36	20
Bromoform	0.125	0.109	0.115	87.2	92.0	64.0-132			5.36	20
Bromomethane	0.125	0.118	0.118	94.4	94.4	56.0-147			0.000	20
1,3-Butadiene	0.125	0.0889	0.0965	71.1	77.2	32.0-150			8.20	20
n-Butylbenzene	0.125	0.0969	0.101	77.5	80.8	68.0-135			4.14	20
sec-Butylbenzene	0.125	0.106	0.111	84.8	88.8	74.0-130			4.61	20
tert-Butylbenzene	0.125	0.0849	0.0905	67.9	72.4	75.0-127	L2	L2	6.39	20
Carbon disulfide	0.125	0.106	0.109	84.8	87.2	56.0-133			2.79	20
Carbon tetrachloride	0.125	0.106	0.114	84.8	91.2	66.0-128			7.27	20
Chlorobenzene	0.125	0.120	0.121	96.0	96.8	76.0-128			0.830	20
Chlorodibromomethane	0.125	0.102	0.103	81.6	82.4	74.0-127			0.976	20
Chloroethane	0.125	0.116	0.116	92.8	92.8	61.0-134			0.000	20
Chloroform	0.125	0.105	0.108	84.0	86.4	72.0-123			2.82	20
Chloromethane	0.125	0.116	0.133	92.8	106	51.0-138			13.7	20
2-Chlorotoluene	0.125	0.0958	0.107	76.6	85.6	75.0-124			11.0	20
4-Chlorotoluene	0.125	0.123	0.125	98.4	100	75.0-124			1.61	20
Cyclohexane	0.125	0.112	0.118	89.6	94.4	70.0-130			5.22	20
1,2-Dibromo-3-Chloropropane	0.125	0.104	0.106	83.2	84.8	59.0-130			1.90	20
1,2-Dibromoethane	0.125	0.123	0.123	98.4	98.4	74.0-128			0.000	20
Dibromomethane	0.125	0.114	0.112	91.2	89.6	75.0-122			1.77	20
1,2-Dichlorobenzene	0.125	0.118	0.121	94.4	96.8	76.0-124			2.51	20
1,3-Dichlorobenzene	0.125	0.116	0.124	92.8	99.2	76.0-125			6.67	20
1,4-Dichlorobenzene	0.125	0.114	0.121	91.2	96.8	77.0-121			5.96	20
Dichlorodifluoromethane	0.125	0.104	0.109	83.2	87.2	43.0-156			4.69	20
1,1-Dichloroethane	0.125	0.116	0.119	92.8	95.2	70.0-127			2.55	20
1,2-Dichloroethane	0.125	0.102	0.104	81.6	83.2	65.0-131			1.94	20
1,1-Dichloroethene	0.125	0.107	0.113	85.6	90.4	65.0-131			5.45	20
cis-1,2-Dichloroethene	0.125	0.114	0.116	91.2	92.8	73.0-125			1.74	20
trans-1,2-Dichloroethene	0.125	0.124	0.123	99.2	98.4	71.0-125			0.810	20
1,2-Dichloropropane	0.125	0.120	0.119	96.0	95.2	74.0-125			0.837	20
1,1-Dichloropropene	0.125	0.114	0.120	91.2	96.0	73.0-125			5.13	20
1,3-Dichloropropane	0.125	0.127	0.124	102	99.2	80.0-125			2.39	20
cis-1,3-Dichloropropene	0.125	0.111	0.118	88.8	94.4	76.0-127			6.11	20
trans-1,3-Dichloropropene	0.125	0.112	0.111	89.6	88.8	73.0-127			0.897	20
2,2-Dichloropropane	0.125	0.111	0.112	88.8	89.6	59.0-135			0.897	20
Dicyclopentadiene	0.125	0.103	0.107	82.4	85.6	71.0-132			3.81	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039152-1 02/27/24 16:33 • (LCSD) R4039152-2 02/27/24 16:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.110	0.114	88.0	91.2	60.0-136			3.57	20
Ethylbenzene	0.125	0.122	0.123	97.6	98.4	74.0-126			0.816	20
4-Ethyltoluene	0.125	0.117	0.121	93.6	96.8	71.0-129			3.36	20
Hexachloro-1,3-butadiene	0.125	0.102	0.102	81.6	81.6	57.0-150			0.000	20
n-Hexane	0.125	0.114	0.113	91.2	90.4	55.0-137			0.881	20
Isopropylbenzene	0.125	0.112	0.111	89.6	88.8	72.0-127			0.897	20
p-Isopropyltoluene	0.125	0.113	0.114	90.4	91.2	72.0-133			0.881	20
2-Butanone (MEK)	0.625	0.477	0.504	76.3	80.6	30.0-160			5.50	24
Methylene Chloride	0.125	0.110	0.115	88.0	92.0	68.0-123			4.44	20
4-Methyl-2-pentanone (MIBK)	0.625	0.574	0.542	91.8	86.7	56.0-143			5.73	20
Methyl tert-butyl ether	0.125	0.113	0.110	90.4	88.0	66.0-132			2.69	20
Methyl Cyclohexane	0.125	0.0928	0.0956	74.2	76.5	67.0-129			2.97	20
Naphthalene	0.125	0.106	0.107	84.8	85.6	59.0-130			0.939	20
Propene	0.125	0.0721	0.0759	57.7	60.7	30.0-160			5.14	20
n-Propylbenzene	0.125	0.114	0.115	91.2	92.0	74.0-126			0.873	20
Styrene	0.125	0.121	0.120	96.8	96.0	72.0-127			0.830	20
1,1,1,2-Tetrachloroethane	0.125	0.104	0.109	83.2	87.2	74.0-129			4.69	20
1,1,2,2-Tetrachloroethane	0.125	0.117	0.118	93.6	94.4	68.0-128			0.851	20
1,1,2-Trichlorotrifluoroethane	0.125	0.108	0.109	86.4	87.2	61.0-139			0.922	20
Tetrachloroethene	0.125	0.105	0.108	84.0	86.4	70.0-136			2.82	20
Toluene	0.125	0.113	0.113	90.4	90.4	75.0-121			0.000	20
1,2,3-Trichlorobenzene	0.125	0.0985	0.104	78.8	83.2	59.0-139			5.43	20
1,2,4-Trichlorobenzene	0.125	0.106	0.108	84.8	86.4	62.0-137			1.87	20
1,1,1-Trichloroethane	0.125	0.113	0.120	90.4	96.0	69.0-126			6.01	20
1,1,2-Trichloroethane	0.125	0.123	0.124	98.4	99.2	78.0-123			0.810	20
Trichloroethene	0.125	0.109	0.121	87.2	96.8	76.0-126			10.4	20
Trichlorofluoromethane	0.125	0.108	0.119	86.4	95.2	61.0-142			9.69	20
1,2,3-Trichloropropane	0.125	0.117	0.125	93.6	100	67.0-129			6.61	20
1,2,4-Trimethylbenzene	0.125	0.112	0.116	89.6	92.8	70.0-126			3.51	20
1,2,3-Trimethylbenzene	0.125	0.109	0.112	87.2	89.6	74.0-124			2.71	20
1,3,5-Trimethylbenzene	0.125	0.108	0.112	86.4	89.6	73.0-127			3.64	20
Vinyl chloride	0.125	0.124	0.133	99.2	106	63.0-134			7.00	20
Xylenes, Total	0.375	0.359	0.349	95.7	93.1	72.0-127			2.82	20
(S) Toluene-d8				*91.8*	*89.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*96.9*	*97.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*85.4*	*84.3*	*70.0-130*				

Method Blank (MB)

(MB) R4039732-5 02/28/24 16:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313
Di-isopropyl ether	U		0.0103	0.0250

Method Blank (MB)

(MB) R4039732-5 02/28/24 16:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*92.8*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039732-1 02/28/24 14:16 • (LCSD) R4039732-2 02/28/24 14:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.609	0.617	97.4	98.7	30.0-160			1.31	31
Acrylonitrile	0.625	0.644	0.637	103	102	45.0-153			1.09	22
Benzene	0.125	0.133	0.132	106	106	70.0-123			0.755	20
Bromobenzene	0.125	0.119	0.118	95.2	94.4	73.0-121			0.844	20
Bromodichloromethane	0.125	0.127	0.123	102	98.4	73.0-121			3.20	20
Bromoform	0.125	0.106	0.109	84.8	87.2	64.0-132			2.79	20
Bromomethane	0.125	0.120	0.130	96.0	104	56.0-147			8.00	20
1,3-Butadiene	0.125	0.104	0.105	83.2	84.0	32.0-150			0.957	20
n-Butylbenzene	0.125	0.100	0.102	80.0	81.6	68.0-135			1.98	20
sec-Butylbenzene	0.125	0.115	0.116	92.0	92.8	74.0-130			0.866	20
tert-Butylbenzene	0.125	0.112	0.112	89.6	89.6	75.0-127			0.000	20
Carbon disulfide	0.125	0.129	0.128	103	102	56.0-133			0.778	20
Carbon tetrachloride	0.125	0.137	0.134	110	107	66.0-128			2.21	20
Chlorobenzene	0.125	0.117	0.118	93.6	94.4	76.0-128			0.851	20
Chlorodibromomethane	0.125	0.110	0.113	88.0	90.4	74.0-127			2.69	20
Chloroethane	0.125	0.162	0.155	130	124	61.0-134			4.42	20
Chloroform	0.125	0.133	0.130	106	104	72.0-123			2.28	20
Chloromethane	0.125	0.152	0.155	122	124	51.0-138			1.95	20
2-Chlorotoluene	0.125	0.119	0.119	95.2	95.2	75.0-124			0.000	20
4-Chlorotoluene	0.125	0.112	0.114	89.6	91.2	75.0-124			1.77	20
Cyclohexane	0.125	0.125	0.125	100	100	70.0-130			0.000	20
1,2-Dibromoethane	0.125	0.115	0.116	92.0	92.8	74.0-128			0.866	20
Dibromomethane	0.125	0.126	0.125	101	100	75.0-122			0.797	20
1,2-Dichlorobenzene	0.125	0.111	0.113	88.8	90.4	76.0-124			1.79	20
1,3-Dichlorobenzene	0.125	0.111	0.114	88.8	91.2	76.0-125			2.67	20
1,4-Dichlorobenzene	0.125	0.111	0.112	88.8	89.6	77.0-121			0.897	20
Dichlorodifluoromethane	0.125	0.162	0.159	130	127	43.0-156			1.87	20
1,1-Dichloroethane	0.125	0.132	0.131	106	105	70.0-127			0.760	20
1,2-Dichloroethane	0.125	0.131	0.128	105	102	65.0-131			2.32	20
1,1-Dichloroethene	0.125	0.132	0.129	106	103	65.0-131			2.30	20
cis-1,2-Dichloroethene	0.125	0.127	0.125	102	100	73.0-125			1.59	20
trans-1,2-Dichloroethene	0.125	0.132	0.129	106	103	71.0-125			2.30	20
1,2-Dichloropropane	0.125	0.130	0.129	104	103	74.0-125			0.772	20
1,1-Dichloropropene	0.125	0.136	0.138	109	110	73.0-125			1.46	20
1,3-Dichloropropane	0.125	0.120	0.120	96.0	96.0	80.0-125			0.000	20
cis-1,3-Dichloropropene	0.125	0.128	0.127	102	102	76.0-127			0.784	20
trans-1,3-Dichloropropene	0.125	0.114	0.116	91.2	92.8	73.0-127			1.74	20
2,2-Dichloropropane	0.125	0.127	0.128	102	102	59.0-135			0.784	20
Dicyclopentadiene	0.125	0.118	0.119	94.4	95.2	71.0-132			0.844	20
Di-isopropyl ether	0.125	0.122	0.123	97.6	98.4	60.0-136			0.816	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039732-1 02/28/24 14:16 • (LCSD) R4039732-2 02/28/24 14:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.125	0.120	0.120	96.0	96.0	74.0-126			0.000	20
4-Ethyltoluene	0.125	0.111	0.114	88.8	91.2	71.0-129			2.67	20
Hexachloro-1,3-butadiene	0.125	0.114	0.111	91.2	88.8	57.0-150			2.67	20
n-Hexane	0.125	0.120	0.117	96.0	93.6	55.0-137			2.53	20
Isopropylbenzene	0.125	0.114	0.117	91.2	93.6	72.0-127			2.60	20
p-Isopropyltoluene	0.125	0.114	0.115	91.2	92.0	72.0-133			0.873	20
2-Butanone (MEK)	0.625	0.583	0.581	93.3	93.0	30.0-160			0.344	24
Methylene Chloride	0.125	0.128	0.124	102	99.2	68.0-123			3.17	20
4-Methyl-2-pentanone (MIBK)	0.625	0.594	0.605	95.0	96.8	56.0-143			1.83	20
Methyl tert-butyl ether	0.125	0.127	0.127	102	102	66.0-132			0.000	20
Methyl Cyclohexane	0.125	0.122	0.120	97.6	96.0	67.0-129			1.65	20
n-Propylbenzene	0.125	0.117	0.118	93.6	94.4	74.0-126			0.851	20
Styrene	0.125	0.106	0.108	84.8	86.4	72.0-127			1.87	20
1,1,1,2-Tetrachloroethane	0.125	0.110	0.113	88.0	90.4	74.0-129			2.69	20
1,1,2,2-Tetrachloroethane	0.125	0.116	0.113	92.8	90.4	68.0-128			2.62	20
1,1,2-Trichlorotrifluoroethane	0.125	0.124	0.117	99.2	93.6	61.0-139			5.81	20
Tetrachloroethene	0.125	0.120	0.120	96.0	96.0	70.0-136			0.000	20
Toluene	0.125	0.117	0.119	93.6	95.2	75.0-121			1.69	20
1,2,3-Trichlorobenzene	0.125	0.117	0.121	93.6	96.8	59.0-139			3.36	20
1,2,4-Trichlorobenzene	0.125	0.105	0.111	84.0	88.8	62.0-137			5.56	20
1,1,1-Trichloroethane	0.125	0.130	0.135	104	108	69.0-126			3.77	20
1,1,2-Trichloroethane	0.125	0.120	0.124	96.0	99.2	78.0-123			3.28	20
Trichloroethene	0.125	0.132	0.137	106	110	76.0-126			3.72	20
Trichlorofluoromethane	0.125	0.143	0.142	114	114	61.0-142			0.702	20
1,2,3-Trichloropropane	0.125	0.120	0.124	96.0	99.2	67.0-129			3.28	20
1,2,4-Trimethylbenzene	0.125	0.108	0.110	86.4	88.0	70.0-126			1.83	20
1,2,3-Trimethylbenzene	0.125	0.111	0.114	88.8	91.2	74.0-124			2.67	20
1,3,5-Trimethylbenzene	0.125	0.117	0.113	93.6	90.4	73.0-127			3.48	20
Vinyl chloride	0.125	0.159	0.155	127	124	63.0-134			2.55	20
Xylenes, Total	0.375	0.337	0.344	89.9	91.7	72.0-127			2.06	20
(S) Toluene-d8				*101*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.9*	*99.9*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*98.0*	*96.4*	*70.0-130*				

Method Blank (MB)

(MB) R4040423-3 02/29/24 15:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
(S) Toluene-d8	*95.5*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040423-1 02/29/24 13:26 • (LCSD) R4040423-2 02/29/24 13:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,2-Dibromo-3-Chloropropane	0.125	0.0924	0.100	73.9	80.0	59.0-130			7.90	20
Naphthalene	0.125	0.0774	0.0840	61.9	67.2	59.0-130			8.18	20
Propene	0.125	0.0623	0.0959	49.8	76.7	30.0-160		R7	42.5	20
(S) Toluene-d8				*92.9*	*95.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*110*	*110*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*114*	*112*	*70.0-130*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS26 • File ID: 0228_02

02/28/24 14:16

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0228_02	237620	118715	106045
Upper Limit		475240	237430	212090
Lower Limit		118810	59358	53023
LCS R4039732-1 WG2236113 1x	0228_02LCSB	237620	118715	106045
LCSD R4039732-2 WG2236113 1x	0228_03B	234420	115358	103187
BLANK R4039732-5 WG2236113 1x	0228_09B	235726	107733	64668
L1708616-07 WG2236113 1x	0228_13	259654	122303	103208
L1708616-08 WG2236113 1x	0228_14	265461	125391	116241
L1708616-11 WG2236113 1x	0228_15	254818	119717	93049
L1708616-12 WG2236113 1x	0228_16	253892	120811	84162
L1708616-15 WG2236113 2x	0228_17	253865	121822	115940
L1708616-13 WG2236113 800x	0228_20	261054	125971	110320
L1708616-14 WG2236113 400x	0228_21	259137	126981	112662

Instrument: VOCMS39 • File ID: 0227a_02

02/27/24 16:33

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0227a_02	502966.10	192097.20	197856.60
Upper Limit		1005932	384194	395713
Lower Limit		251483	96049	98928
LCS R4039152-1 WG2234559 1x	0227a_02LCSC	502966.10	192097.20	197856.60
LCSD R4039152-2 WG2234559 1x	0227a_03C	490264.10	198736.80	200142.90
BLANK R4039152-3 WG2234559 1x	0227a_07C	545161.90	207902.10	207352.50
L1708616-01 WG2234559 1x	0227a_17	537048	210080.30	206708
L1708616-02 WG2234559 1x	0227a_18	534502.50	201523	204285.70
L1708616-03 WG2234559 1x	0227a_19	533859.30	201009.20	197824.90
L1708616-04 WG2234559 1x	0227a_20	535892	206538.30	202831.10
L1708616-05 WG2234559 1x	0227a_21	532873.50	204240.50	208683.20
L1708616-06 WG2234559 1x	0227a_22	521394.10	198491.10	196634
L1708616-09 WG2234559 2x	0227a_25	490667.90	183292.10	189412.30
L1708616-10 WG2234559 2x	0227a_26	508386.50	187161.30	190121.50

INTERNAL STANDARD SUMMARY

Instrument: VOCMS42 • File ID: 0229_31

02/29/24 13:26

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0229_31	311565.70	172268.80	175647.10
Upper Limit		623131	344538	351294
Lower Limit		155783	86134	87824
LCS R4040423-1 WG2236786 1x	0229_31LCS_D	311565.70	172268.80	175647.10
LCSD R4040423-2 WG2236786 1x	0229_32D	320558.30	172367.20	178144.20
BLANK R4040423-3 WG2236786 1x	0229_36D	303446	163333.20	167364.60
L1708616-07 WG2236786 1x	0229_51	417301.40	217895.50	215430.40
L1708616-08 WG2236786 1x	0229_52	441481.80	228638.50	228870.30
L1708616-11 WG2236786 1x	0229_53	448675	231812.60	227080.70
L1708616-12 WG2236786 2x	0229_54	453266.50	238894.80	227552.80
L1708616-13 WG2236786 800x	0229_55	462359.10	240360.70	234411.80
L1708616-14 WG2236786 400x	0229_56	469010.70	243838	243729.40
L1708616-15 WG2236786 2x	0229_57	472071.60	249913.60	245560.80

INTERNAL STANDARD SUMMARY

Instrument: VOCMS21 • File ID: 0225_02

02/25/24 11:42

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0225_02	254958	121649	108073
Upper Limit		509916	243298	216146
Lower Limit		127479	60825	54037
LCS R4038564-1 WG2233783 1x	0225_02LCS	254958	121649	108073
BLANK R4038564-2 WG2233783 1x	0225_07	249385	114069	102242
LCSD R4038564-3 WG2233783 1x	0225_08	260180	123029	108942
L1708616-16 WG2233783 1x	0225_12	240856	107507	97710

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L2	The associated blank spike recovery was below laboratory acceptance limits.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Circle K Store No. 2705326**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326** ~~ISC~~ I

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): Tony Balch

Site/Facility ID # **CK2705326**

P.O. # CK2705326-SPI

Collected by (signature):

Immediately Packed on Ice N____ Y__X__

Rush? (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1708616
1143

Acctnum: **ENCORETAZ**
Template: **T247091**
Prelogin: **P1055497**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb/MeOH10ml/Syr							Remarks	Sample # (lab only)
SB-3-5	G	SS	5	2-21-24	1115	2	X	X								-01
SB-3-10	G	SS	10		1122	2	X	X								-02
SB-3-15	G	SS	15		1130	2	X	X								-03
SB-3-20	G	SS	20		1209	2	X	X								-04
SB-3-25	G	SS	25		1215	2	X	X								-05
SB-3-30	G	SS	30		1225	2	X	X								-06
SB-3-35	G	SS	35		1238	2	X	X								-07
SB-3-40	G	SS	40		1249	2	X	X								-08
SB-3-45	G	SS	45		1303	2	X	X								-09
SB-3-50	G	SS	50		1313	2	X	X								-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	2/22/24	0707		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	2/22/24	1332		2.2+0.2=2.231	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK
	2-22-24	1900		02/23/24 0800	

FNPAZ

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Circle K Store No. 2705326**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326~~156~~ J#**

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): Tony Bach

Site/Facility ID # **CK2705326**

P.O. # CK2705326-SBI

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb/MeOH10ml/Syr									
SB-3-55	G	SS	55	2/21/24	1336	2	X	X									-11
SB-3-60	G	SS	60		1347	2	X	X									-12
SB-3-65	G	SS	65		1425	2	X	X									-13
SB-3-70	G	SS	70		1434	2	X	X									-14
SB-3-75	G	SS	75		1451	2	X	X									-15
Trip Blank	-	SS	-	-	-	1		X									-16
		SS															
		SS															
		SS															
		SS															

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1708616

Table #

Acctnum: **ENCORETAZ**
Template: **T247091**
Prelogin: **P1055497**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	2/22/24	0707		1
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
	2/22/24	1332		2.2-2.2 3
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
	2-22-24	1800		02/23/24 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PNPAZ

ANALYTICAL REPORT

March 08, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1711669
Samples Received:	02/23/2024
Project Number:	CK2705326
Description:	Circle K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

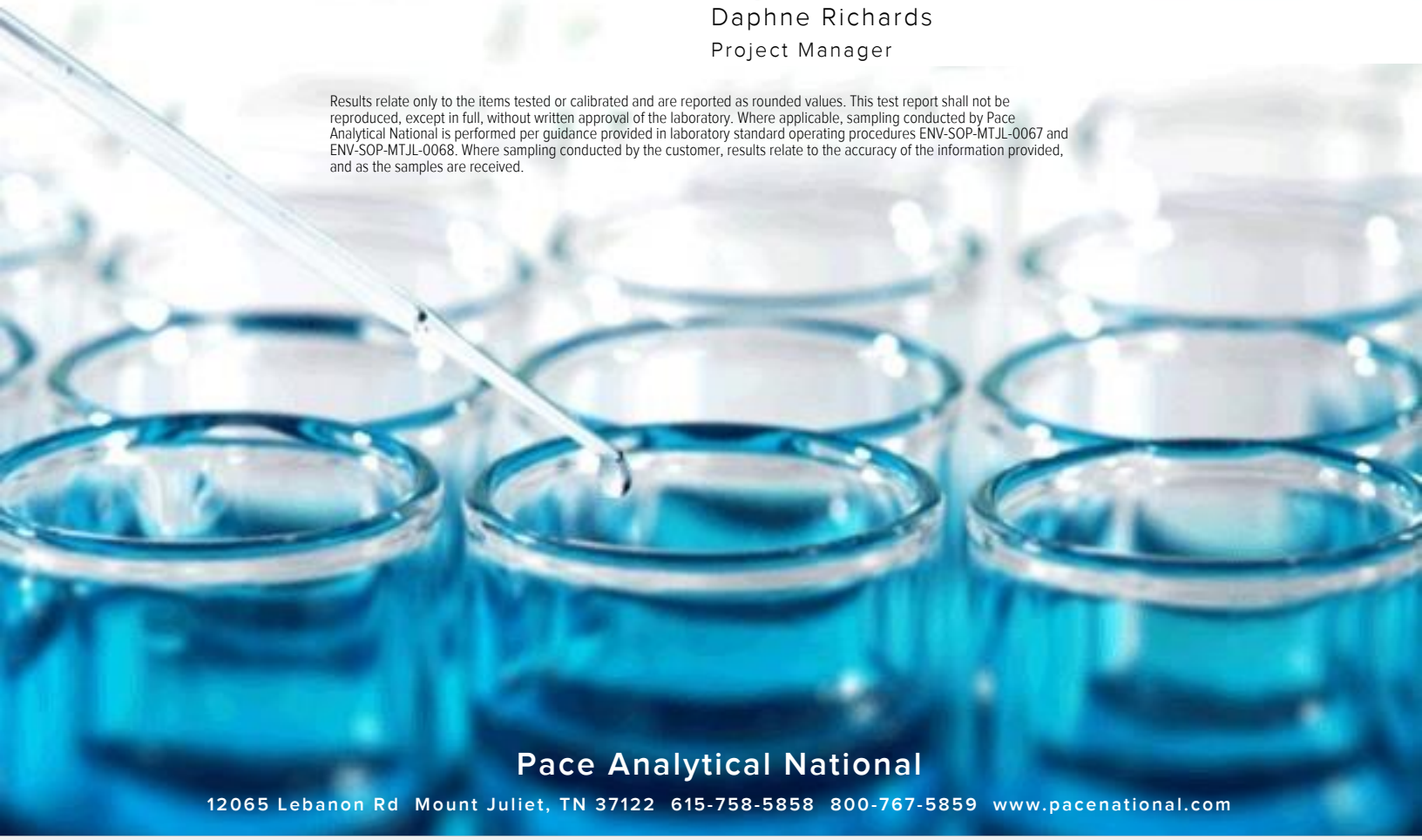


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SB-3-15 L1711669-01 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 11:30 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2240430	1	03/06/24 08:31	03/06/24 20:36	MKM	Mt. Juliet, TN

SB-3-65 L1711669-02 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 14:25 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2240430	1	03/06/24 08:31	03/06/24 20:54	MKM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2240430	20	03/06/24 08:31	03/07/24 23:52	MKM	Mt. Juliet, TN

SB-3-75 L1711669-03 Solid

Collected by: Tony Baca | Collected date/time: 02/21/24 14:51 | Received date/time: 02/23/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2240430	1	03/06/24 08:31	03/06/24 21:12	MKM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	03/06/2024 20:36	WG2240430
Acenaphthene	U		0.00209	0.00600	1	03/06/2024 20:36	WG2240430
Acenaphthylene	U		0.00216	0.00600	1	03/06/2024 20:36	WG2240430
Benzo(a)anthracene	U		0.00173	0.00600	1	03/06/2024 20:36	WG2240430
Benzo(a)pyrene	U		0.00179	0.00600	1	03/06/2024 20:36	WG2240430
Benzo(b)fluoranthene	U		0.00153	0.00600	1	03/06/2024 20:36	WG2240430
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	03/06/2024 20:36	WG2240430
Benzo(k)fluoranthene	U		0.00215	0.00600	1	03/06/2024 20:36	WG2240430
Chrysene	U		0.00232	0.00600	1	03/06/2024 20:36	WG2240430
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	03/06/2024 20:36	WG2240430
Fluoranthene	0.00333	B1 E4	0.00227	0.00600	1	03/06/2024 20:36	WG2240430
Fluorene	U		0.00205	0.00600	1	03/06/2024 20:36	WG2240430
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	03/06/2024 20:36	WG2240430
Naphthalene	U		0.00408	0.0200	1	03/06/2024 20:36	WG2240430
Phenanthrene	0.00372	B1 E4	0.00231	0.00600	1	03/06/2024 20:36	WG2240430
Pyrene	0.00259	E4	0.00200	0.00600	1	03/06/2024 20:36	WG2240430
1-Methylnaphthalene	U		0.00449	0.0200	1	03/06/2024 20:36	WG2240430
2-Methylnaphthalene	U		0.00427	0.0200	1	03/06/2024 20:36	WG2240430
2-Chloronaphthalene	U		0.00466	0.0200	1	03/06/2024 20:36	WG2240430
(S) p-Terphenyl-d14	*46.8*			*23.0-120*		*03/06/2024 20:36*	WG2240430
(S) Nitrobenzene-d5	*59.6*			*14.0-149*		*03/06/2024 20:36*	WG2240430
(S) 2-Fluorobiphenyl	*47.6*			*34.0-125*		*03/06/2024 20:36*	WG2240430

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	03/06/2024 20:54	WG2240430
Acenaphthene	0.0714		0.00209	0.00600	1	03/06/2024 20:54	WG2240430
Acenaphthylene	U		0.00216	0.00600	1	03/06/2024 20:54	WG2240430
Benzo(a)anthracene	0.00863		0.00173	0.00600	1	03/06/2024 20:54	WG2240430
Benzo(a)pyrene	0.00400	E4	0.00179	0.00600	1	03/06/2024 20:54	WG2240430
Benzo(b)fluoranthene	0.00230	E4	0.00153	0.00600	1	03/06/2024 20:54	WG2240430
Benzo(g,h,i)perylene	0.00251	E4	0.00177	0.00600	1	03/06/2024 20:54	WG2240430
Benzo(k)fluoranthene	U		0.00215	0.00600	1	03/06/2024 20:54	WG2240430
Chrysene	0.00378	E4	0.00232	0.00600	1	03/06/2024 20:54	WG2240430
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	03/06/2024 20:54	WG2240430
Fluoranthene	0.0135	B1	0.00227	0.00600	1	03/06/2024 20:54	WG2240430
Fluorene	0.0873		0.00205	0.00600	1	03/06/2024 20:54	WG2240430
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	03/06/2024 20:54	WG2240430
Naphthalene	29.8		0.0816	0.400	20	03/07/2024 23:52	WG2240430
Phenanthrene	0.0720		0.00231	0.00600	1	03/06/2024 20:54	WG2240430
Pyrene	0.0199		0.00200	0.00600	1	03/06/2024 20:54	WG2240430
1-Methylnaphthalene	12.4		0.0898	0.400	20	03/07/2024 23:52	WG2240430
2-Methylnaphthalene	24.9		0.0854	0.400	20	03/07/2024 23:52	WG2240430
2-Chloronaphthalene	U		0.00466	0.0200	1	03/06/2024 20:54	WG2240430
(S) p-Terphenyl-d14	*52.0*			*23.0-120*		*03/06/2024 20:54*	WG2240430
(S) p-Terphenyl-d14	*74.5*	S8		*23.0-120*		*03/07/2024 23:52*	WG2240430
(S) Nitrobenzene-d5	*0.000*	S8		*14.0-149*		*03/07/2024 23:52*	WG2240430
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*03/06/2024 20:54*	WG2240430
(S) 2-Fluorobiphenyl	*54.0*			*34.0-125*		*03/06/2024 20:54*	WG2240430
(S) 2-Fluorobiphenyl	*85.8*	S8		*34.0-125*		*03/07/2024 23:52*	WG2240430

Sample Narrative:

L1711669-02 WG2240430: Surrogate failure due to matrix interference

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	03/06/2024 21:12	WG2240430
Acenaphthene	U		0.00209	0.00600	1	03/06/2024 21:12	WG2240430
Acenaphthylene	U		0.00216	0.00600	1	03/06/2024 21:12	WG2240430
Benzo(a)anthracene	U		0.00173	0.00600	1	03/06/2024 21:12	WG2240430
Benzo(a)pyrene	U		0.00179	0.00600	1	03/06/2024 21:12	WG2240430
Benzo(b)fluoranthene	U		0.00153	0.00600	1	03/06/2024 21:12	WG2240430
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	03/06/2024 21:12	WG2240430
Benzo(k)fluoranthene	U		0.00215	0.00600	1	03/06/2024 21:12	WG2240430
Chrysene	U		0.00232	0.00600	1	03/06/2024 21:12	WG2240430
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	03/06/2024 21:12	WG2240430
Fluoranthene	U		0.00227	0.00600	1	03/06/2024 21:12	WG2240430
Fluorene	U		0.00205	0.00600	1	03/06/2024 21:12	WG2240430
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	03/06/2024 21:12	WG2240430
Naphthalene	0.00735	E4	0.00408	0.0200	1	03/06/2024 21:12	WG2240430
Phenanthrene	U		0.00231	0.00600	1	03/06/2024 21:12	WG2240430
Pyrene	U		0.00200	0.00600	1	03/06/2024 21:12	WG2240430
1-Methylnaphthalene	U		0.00449	0.0200	1	03/06/2024 21:12	WG2240430
2-Methylnaphthalene	0.00785	E4	0.00427	0.0200	1	03/06/2024 21:12	WG2240430
2-Chloronaphthalene	U		0.00466	0.0200	1	03/06/2024 21:12	WG2240430
(S) p-Terphenyl-d14	*53.9*			*23.0-120*		*03/06/2024 21:12*	WG2240430
(S) Nitrobenzene-d5	*66.2*			*14.0-149*		*03/06/2024 21:12*	WG2240430
(S) 2-Fluorobiphenyl	*52.3*			*34.0-125*		*03/06/2024 21:12*	WG2240430

Method Blank (MB)

(MB) R4042589-2 03/06/24 15:32

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	0.00257	E4	0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	0.00298	E4	0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*58.0*			*23.0-120*
(S) Nitrobenzene-d5	*67.0*			*14.0-149*
(S) 2-Fluorobiphenyl	*59.0*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4042589-1 03/06/24 15:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0498	62.3	50.0-126	
Acenaphthene	0.0800	0.0483	60.4	50.0-120	
Acenaphthylene	0.0800	0.0495	61.9	50.0-120	
Benzo(a)anthracene	0.0800	0.0521	65.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0441	55.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0470	58.7	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0447	55.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0421	52.6	49.0-125	
Chrysene	0.0800	0.0489	61.1	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0481	60.1	47.0-125	
Fluoranthene	0.0800	0.0508	63.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4042589-1 03/06/24 15:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0504	63.0	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0477	59.6	46.0-125	
Naphthalene	0.0800	0.0593	74.1	50.0-120	
Phenanthrene	0.0800	0.0509	63.6	47.0-120	
Pyrene	0.0800	0.0460	57.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0523	65.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0515	64.4	50.0-120	
2-Chloronaphthalene	0.0800	0.0476	59.5	50.0-120	
(S) p-Terphenyl-d14			*54.7*	*23.0-120*	
(S) Nitrobenzene-d5			*72.7*	*14.0-149*	
(S) 2-Fluorobiphenyl			*59.2*	*34.0-125*	

L1711893-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1711893-07 03/06/24 16:08 • (MS) R4042589-3 03/06/24 16:26 • (MSD) R4042589-4 03/06/24 16:44

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0792	U	0.0430	0.0484	54.3	63.0	1	10.0-145			11.8	30
Acenaphthene	0.0792	U	0.0410	0.0453	51.8	59.0	1	14.0-127			9.97	27
Acenaphthylene	0.0792	U	0.0434	0.0487	54.8	63.4	1	21.0-124			11.5	25
Benzo(a)anthracene	0.0792	U	0.0432	0.0498	54.5	64.8	1	10.0-139			14.2	30
Benzo(a)pyrene	0.0792	U	0.0386	0.0437	48.7	56.9	1	10.0-141			12.4	31
Benzo(b)fluoranthene	0.0792	U	0.0389	0.0441	49.1	57.4	1	10.0-140			12.5	36
Benzo(g,h,i)perylene	0.0792	U	0.0397	0.0448	50.1	58.3	1	10.0-140			12.1	33
Benzo(k)fluoranthene	0.0792	U	0.0363	0.0418	45.8	54.4	1	10.0-137			14.1	31
Chrysene	0.0792	U	0.0418	0.0465	52.8	60.5	1	10.0-145			10.6	30
Dibenz(a,h)anthracene	0.0792	U	0.0428	0.0473	54.0	61.6	1	10.0-132			9.99	31
Fluoranthene	0.0792	U	0.0412	0.0490	52.0	63.8	1	10.0-153			17.3	33
Fluorene	0.0792	U	0.0434	0.0469	54.8	61.1	1	11.0-130			7.75	29
Indeno(1,2,3-cd)pyrene	0.0792	U	0.0427	0.0479	53.9	62.4	1	10.0-137			11.5	32
Naphthalene	0.0792	U	0.0459	0.0485	58.0	63.2	1	10.0-135			5.51	27
Phenanthrene	0.0792	U	0.0420	0.0490	53.0	63.8	1	10.0-144			15.4	31
Pyrene	0.0792	U	0.0373	0.0444	47.1	57.8	1	10.0-148			17.4	35
1-Methylnaphthalene	0.0792	U	0.0462	0.0506	58.3	65.9	1	10.0-142			9.09	28
2-Methylnaphthalene	0.0792	U	0.0455	0.0497	57.4	64.7	1	10.0-137			8.82	28
2-Chloronaphthalene	0.0792	U	0.0428	0.0464	54.0	60.4	1	29.0-120			8.07	24
(S) p-Terphenyl-d14					*48.7*	*53.2*		*23.0-120*				
(S) Nitrobenzene-d5					*73.0*	*75.5*		*14.0-149*				
(S) 2-Fluorobiphenyl					*55.0*	*58.4*		*34.0-125*				

Instrument: BNAMS14 • File ID: 0306A_03

03/06/24 14:49

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0306A_03	30455	16618	34263	31746	29911
Upper Limit		60910	33236	68526	63492	59822
Lower Limit		15228	8309	17132	15873	14956
LCS R4042589-1 WG2240430 1x	0306A_04	39385	21231	43920	40824	39951
BLANK R4042589-2 WG2240430 1x	0306A_05	37909	20588	42843	38098	34928
MS R4042589-3 WG2240430 1x	0306A_08	38495	20859	43480	39949	37387
MSD R4042589-4 WG2240430 1x	0306A_09	36938	20212	41369	38276	35402
L1711669-01 WG2240430 1x	0306A_22	39447	21711	43746	38692	34743
L1711669-02 WG2240430 1x	0306A_23	39298	23572	52241	44988	37688
L1711669-03 WG2240430 1x	0306A_24	38692	20903	42579	36824	31952

Instrument: BNAMS28 • File ID: 0307A_03

03/07/24 18:14

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0307A_03	32302	17597	34818	33982	34697
Upper Limit		64604	35194	69636	67964	69394
Lower Limit		16151	8799	17409	16991	17349
L1711669-02 WG2240430 20x	0307A_19	30499	17179	34381	33051	33865

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B1	Target analyte detected in method blank at or above the method reporting limit.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
S6	Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide useful information. The associated blank spike recovery was acceptable.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: jesus@encore-consulting.net;lynn@encore-

Project Description: **Circle K Store No. 2705326**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326** ~~SE~~ SI

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): **Tony Balch**

Site/Facility ID # **CK2705326**

P.O. # **CK2705326-SPI**

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed: **Standard TAT**

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # ~~L1708616~~ 1143 L1711669

Acctnum: **ENCORETAZ**
Template: **T247091**
Prelogin: **P1055497**
PM: **288 - Daphne Richards**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb/MeOH10ml/Syr	Remarks	Sample # (lab only)
SB-3-5	G	SS	5	2-21-24	1115	2	X	X		~~-01~~
SB-3-10	G	SS	10	"	1122	2	X	X		~~-02~~
SB-3-15	G	SS	15	"	1130	2	X	X		~~-03~~ -01
SB-3-20	G	SS	20	"	1209	2	X	X		~~-04~~
SB-3-25	G	SS	25	"	1215	2	X	X		~~-05~~
SB-3-30	G	SS	30	"	1225	2	X	X		~~-06~~
SB-3-35	G	SS	35	"	1238	2	X	X		~~-07~~
SB-3-40	G	SS	40	"	1249	2	X	X		~~-08~~
SB-3-45	G	SS	45	"	1303	2	X	X		~~-09~~
SB-3-50	G	SS	50	"	1313	2	X	X		~~-10~~

N 3/5/24

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	2/22/24	0707		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	2/22/24	1332		2.240-2.231	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK
	2.22.24	1800		02/23/24 0800	

FNPAZ

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: jesus@encore-consulting.net;lynn@encore-

Project Description: **Circle K Store No. 2705326**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326~~-SC~~-JL**

Lab Project # **ENCORETAZ-CIRCLEK**

Collected by (print): Tony Bach

Site/Facility ID # **CK2705326**

P.O. # **CK2705326-SBI**

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIM 4ozClr-NoPres	V8260AZ 40mlAmb/MeOH10ml/Syr								Remarks	Sample # (lab only)
SB-3-55	G	SS	55	2/21/24	1336	2	X	X									-11
SB-3-60	G	SS	60	"	1347	2	X	X									-12
SB-3-65	G	SS	65	"	1425	2	X	X									-13 -02
SB-3-70	G	SS	70	"	1434	2	X	X									-14
SB-3-75	G	SS	75	"	1451	2	X	X									-15 -03
Trip Blank	-	SS	-	-	-	1		X									-16
		SS															
		SS															
		SS															
		SS															

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

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MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1708616
Table # L1711669
Acctnum: ENCORETAZ
Template: T247091
Prelogin: P1055497
PM: 288 - Daphne Richards
PB:
Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	2/22/24	0707		1	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	2/22/24	1332		2.2+0.2 31	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK
	2-22-24	1800		02/23/24 0800	

PNPAZ

Relog L1708616 ENCORETAZ SHORT HOLD

R5

Please relog L1708616-03, L1708616-13 and L1708616-15 for SV8270PAHSIM. Samples OOH 3/6 for extraction.

Thanks

Daphne Richards
Project Manager 2 I National
12065 Lebanon Road I Mt. Juliet, TN 37122
O. 615.773.9662 l pacelabs.com
[cid:image002.jpg@01DA6EF3.4C6D22E0]

MAKE YOUR PAYMENTS ONLINE<https://login.unitedtranzactions.com/obp/pace_analytical>

From: Collin Schaumburg <collin@encore-consulting.net>
Sent: Tuesday, March 5, 2024 11:27 AM
To: Daphne Richards <Daphne.Richards@pacelabs.com>
Cc: Jesus Ibarra <jesus@encore-consulting.net>; Shanda Wagner <shanda@encore-consulting.net>
Subject: RE: Pace Analytical National Level II Report for CK2705326 Circle K Store No. 2705326 L1708616

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.
Hi Daphne –
Can you please analyze the SB-3-15, SB-3-65, and SB-3-75 samples for PAHs (8270C SIM)?
Thank you

Collin Schaumburg
Project Manager
950 West Elliot Road, Suite 116
Tempe, Arizona 85284
(480) 868-0754
[ENCORE logo small]

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Time estimate: oh **Time spent:** oh

Members

DR Daphne Richards (responsible)

ANALYTICAL REPORT

March 27, 2024

EnCore Consulting, LLC.

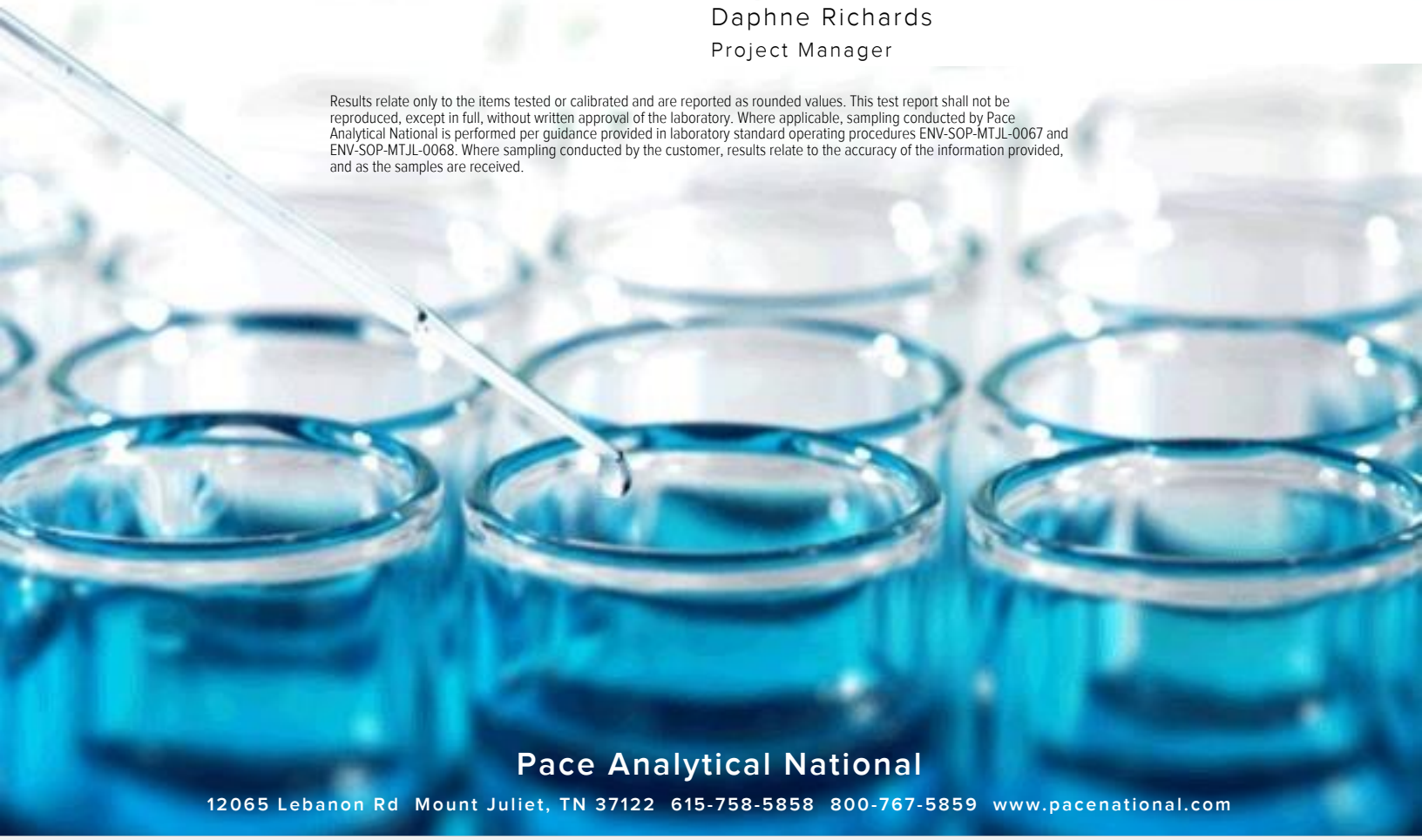
Sample Delivery Group:	L1715546
Samples Received:	03/15/2024
Project Number:	CK2705326
Description:	CIRCLE K STORE 2705326
Site:	CIRCLE K STORE 2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-3-80 L1715546-01 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 09:04 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1.08	03/12/24 09:04	03/22/24 21:24	DWR	Mt. Juliet, TN

SB-3-85 L1715546-02 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 09:20 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/12/24 09:20	03/22/24 21:43	DWR	Mt. Juliet, TN

SB-3-90 L1715546-03 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 09:56 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/12/24 09:56	03/22/24 22:02	DWR	Mt. Juliet, TN

SB-3-95 L1715546-04 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 10:23 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2254123	40	03/12/24 10:23	03/26/24 18:24	KSD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2248521	1	03/19/24 22:34	03/20/24 20:08	JRM	Mt. Juliet, TN

SB-3-100 L1715546-05 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 10:58 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/12/24 10:58	03/23/24 00:16	KSD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2254123	1	03/12/24 10:58	03/26/24 16:31	KSD	Mt. Juliet, TN

SB-3-105 L1715546-06 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 11:33 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/12/24 11:33	03/23/24 00:36	KSD	Mt. Juliet, TN

SB-3-110 L1715546-07 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 12:13 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/12/24 12:13	03/23/24 00:56	KSD	Mt. Juliet, TN

SB-3-115 L1715546-08 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 12:50 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/12/24 12:50	03/23/24 01:16	KSD	Mt. Juliet, TN

SB-3-120 L1715546-09 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 13:49 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/12/24 13:49	03/23/24 01:35	KSD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2254123	1	03/12/24 13:49	03/26/24 16:50	KSD	Mt. Juliet, TN

SB-3-125 L1715546-10 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 14:25 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/12/24 14:25	03/23/24 01:55	KSD	Mt. Juliet, TN

SB-3-130 L1715546-11 Solid

Collected by: Parker S. | Collected date/time: 03/12/24 15:10 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/12/24 15:10	03/23/24 02:15	KSD	Mt. Juliet, TN

SB-3-135 L1715546-12 Solid

Collected by: Parker S. | Collected date/time: 03/13/24 08:22 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/13/24 08:22	03/23/24 02:34	KSD	Mt. Juliet, TN

SB-3-140 L1715546-13 Solid

Collected by: Parker S. | Collected date/time: 03/13/24 09:42 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/13/24 09:42	03/23/24 02:54	KSD	Mt. Juliet, TN

SB-3-145 L1715546-14 Solid

Collected by: Parker S. | Collected date/time: 03/13/24 10:47 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/13/24 10:47	03/23/24 03:14	KSD	Mt. Juliet, TN

SB-3-150 L1715546-15 Solid

Collected by: Parker S. | Collected date/time: 03/13/24 11:48 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1	03/13/24 11:48	03/23/24 03:33	KSD	Mt. Juliet, TN

SB-3-155 L1715546-16 Solid

Collected by: Parker S. | Collected date/time: 03/13/24 14:47 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252102	1.05	03/13/24 14:47	03/23/24 03:53	KSD	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2248521	1	03/19/24 22:34	03/20/24 20:17	SAW	Mt. Juliet, TN

TRIP BLANK L1715546-17 GW

Collected by: Parker S.
Collected date/time: 03/13/24 00:00
Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251254	1	03/21/24 17:43	03/21/24 17:43	ACG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1715546-01	SB-3-80	8260B
L1715546-02	SB-3-85	8260B
L1715546-03	SB-3-90	8260B
L1715546-04	SB-3-95	8260B
L1715546-05	SB-3-100	8260B
L1715546-06	SB-3-105	8260B
L1715546-07	SB-3-110	8260B
L1715546-08	SB-3-115	8260B
L1715546-09	SB-3-120	8260B
L1715546-10	SB-3-125	8260B
L1715546-11	SB-3-130	8260B
L1715546-12	SB-3-135	8260B
L1715546-13	SB-3-140	8260B
L1715546-14	SB-3-145	8260B
L1715546-15	SB-3-150	8260B
L1715546-16	SB-3-155	8260B
L1715546-17	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.986	1.35	1.08	03/22/2024 21:24	WG2251620
Acrylonitrile	U		0.0975	0.338	1.08	03/22/2024 21:24	WG2251620
Benzene	U		0.0126	0.0270	1.08	03/22/2024 21:24	WG2251620
Bromobenzene	U		0.0243	0.338	1.08	03/22/2024 21:24	WG2251620
Bromodichloromethane	U		0.0196	0.0675	1.08	03/22/2024 21:24	WG2251620
Bromoform	U		0.0316	0.675	1.08	03/22/2024 21:24	WG2251620
Bromomethane	U		0.0532	0.338	1.08	03/22/2024 21:24	WG2251620
1,3-Butadiene	U		0.139	0.675	1.08	03/22/2024 21:24	WG2251620
n-Butylbenzene	U		0.142	0.338	1.08	03/22/2024 21:24	WG2251620
sec-Butylbenzene	U		0.0778	0.338	1.08	03/22/2024 21:24	WG2251620
tert-Butylbenzene	U		0.0527	0.135	1.08	03/22/2024 21:24	WG2251620
Carbon disulfide	U		0.0189	0.338	1.08	03/22/2024 21:24	WG2251620
Carbon tetrachloride	U		0.0242	0.135	1.08	03/22/2024 21:24	WG2251620
Chlorobenzene	U		0.00567	0.0675	1.08	03/22/2024 21:24	WG2251620
Chlorodibromomethane	U		0.0165	0.0675	1.08	03/22/2024 21:24	WG2251620
Chloroethane	U		0.0459	0.135	1.08	03/22/2024 21:24	WG2251620
Chloroform	U		0.0278	0.0675	1.08	03/22/2024 21:24	WG2251620
Chloromethane	U		0.117	0.338	1.08	03/22/2024 21:24	WG2251620
2-Chlorotoluene	U		0.0234	0.0675	1.08	03/22/2024 21:24	WG2251620
4-Chlorotoluene	U		0.0122	0.135	1.08	03/22/2024 21:24	WG2251620
Cyclohexane	0.0379	E4	0.0300	0.0675	1.08	03/22/2024 21:24	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.105	0.675	1.08	03/22/2024 21:24	WG2251620
1,2-Dibromoethane	U		0.0175	0.0675	1.08	03/22/2024 21:24	WG2251620
Dibromomethane	U		0.0203	0.135	1.08	03/22/2024 21:24	WG2251620
1,2-Dichlorobenzene	U		0.0115	0.135	1.08	03/22/2024 21:24	WG2251620
1,3-Dichlorobenzene	U		0.0162	0.135	1.08	03/22/2024 21:24	WG2251620
1,4-Dichlorobenzene	U		0.0189	0.135	1.08	03/22/2024 21:24	WG2251620
Dichlorodifluoromethane	U		0.0435	0.0675	1.08	03/22/2024 21:24	WG2251620
1,1-Dichloroethane	U		0.0133	0.0675	1.08	03/22/2024 21:24	WG2251620
1,2-Dichloroethane	U		0.0175	0.0675	1.08	03/22/2024 21:24	WG2251620
1,1-Dichloroethene	U		0.0164	0.0675	1.08	03/22/2024 21:24	WG2251620
cis-1,2-Dichloroethene	U		0.0198	0.0675	1.08	03/22/2024 21:24	WG2251620
trans-1,2-Dichloroethene	U		0.0281	0.135	1.08	03/22/2024 21:24	WG2251620
1,2-Dichloropropane	U		0.0383	0.135	1.08	03/22/2024 21:24	WG2251620
1,1-Dichloropropene	U		0.0218	0.0675	1.08	03/22/2024 21:24	WG2251620
1,3-Dichloropropane	U		0.0135	0.135	1.08	03/22/2024 21:24	WG2251620
cis-1,3-Dichloropropene	U		0.0204	0.0675	1.08	03/22/2024 21:24	WG2251620
trans-1,3-Dichloropropene	U		0.0308	0.135	1.08	03/22/2024 21:24	WG2251620
2,2-Dichloropropane	U		0.0373	0.0675	1.08	03/22/2024 21:24	WG2251620
Dicyclopentadiene	U		0.0446	0.338	1.08	03/22/2024 21:24	WG2251620
Di-isopropyl ether	U		0.0111	0.0270	1.08	03/22/2024 21:24	WG2251620
Ethylbenzene	U		0.0199	0.0675	1.08	03/22/2024 21:24	WG2251620
4-Ethyltoluene	U		0.0626	0.135	1.08	03/22/2024 21:24	WG2251620
Hexachloro-1,3-butadiene	U		0.162	0.675	1.08	03/22/2024 21:24	WG2251620
n-Hexane	U		0.0610	0.135	1.08	03/22/2024 21:24	WG2251620
Isopropylbenzene	U		0.0115	0.0675	1.08	03/22/2024 21:24	WG2251620
p-Isopropyltoluene	U		0.0689	0.135	1.08	03/22/2024 21:24	WG2251620
2-Butanone (MEK)	U		1.71	2.70	1.08	03/22/2024 21:24	WG2251620
Methylene Chloride	U		0.179	0.675	1.08	03/22/2024 21:24	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0616	0.675	1.08	03/22/2024 21:24	WG2251620
Methyl tert-butyl ether	U		0.00945	0.0270	1.08	03/22/2024 21:24	WG2251620
Methyl Cyclohexane	U		0.0556	0.135	1.08	03/22/2024 21:24	WG2251620
Naphthalene	U		0.132	0.338	1.08	03/22/2024 21:24	WG2251620
Propene	U		0.165	1.35	1.08	03/22/2024 21:24	WG2251620
n-Propylbenzene	U		0.0257	0.135	1.08	03/22/2024 21:24	WG2251620
Styrene	U		0.00618	0.338	1.08	03/22/2024 21:24	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0256	0.0675	1.08	03/22/2024 21:24	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0188	0.0675	1.08	03/22/2024 21:24	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0204	0.0675	1.08	03/22/2024 21:24	WG2251620
Tetrachloroethene	U		0.0242	0.0675	1.08	03/22/2024 21:24	WG2251620
Toluene	U		0.0351	0.135	1.08	03/22/2024 21:24	WG2251620
1,2,3-Trichlorobenzene	U		0.198	0.338	1.08	03/22/2024 21:24	WG2251620
1,2,4-Trichlorobenzene	U		0.119	0.338	1.08	03/22/2024 21:24	WG2251620
1,1,1-Trichloroethane	U		0.0249	0.0675	1.08	03/22/2024 21:24	WG2251620
1,1,2-Trichloroethane	U		0.0161	0.0675	1.08	03/22/2024 21:24	WG2251620
Trichloroethene	U		0.0158	0.0270	1.08	03/22/2024 21:24	WG2251620
Trichlorofluoromethane	U		0.0223	0.0675	1.08	03/22/2024 21:24	WG2251620
1,2,3-Trichloropropane	U		0.0437	0.338	1.08	03/22/2024 21:24	WG2251620
1,2,4-Trimethylbenzene	U		0.0427	0.135	1.08	03/22/2024 21:24	WG2251620
1,2,3-Trimethylbenzene	U		0.0427	0.135	1.08	03/22/2024 21:24	WG2251620
1,3,5-Trimethylbenzene	U		0.0540	0.135	1.08	03/22/2024 21:24	WG2251620
Vinyl chloride	U		0.0313	0.0675	1.08	03/22/2024 21:24	WG2251620
Xylenes, Total	U		0.0238	0.176	1.08	03/22/2024 21:24	WG2251620
(S) Toluene-d8	*101*			*75.0-131*		*03/22/2024 21:24*	WG2251620
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*03/22/2024 21:24*	WG2251620
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*		*03/22/2024 21:24*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 21:43	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 21:43	WG2251620
Benzene	0.263		0.0117	0.0250	1	03/22/2024 21:43	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 21:43	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 21:43	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 21:43	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 21:43	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 21:43	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 21:43	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 21:43	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 21:43	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 21:43	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 21:43	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 21:43	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 21:43	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 21:43	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 21:43	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 21:43	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 21:43	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 21:43	WG2251620
Cyclohexane	0.449		0.0278	0.0625	1	03/22/2024 21:43	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 21:43	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 21:43	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 21:43	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 21:43	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 21:43	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 21:43	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 21:43	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 21:43	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 21:43	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 21:43	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 21:43	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 21:43	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 21:43	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 21:43	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 21:43	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 21:43	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 21:43	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 21:43	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 21:43	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 21:43	WG2251620
Ethylbenzene	0.412		0.0184	0.0625	1	03/22/2024 21:43	WG2251620
4-Ethyltoluene	0.188		0.0580	0.125	1	03/22/2024 21:43	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 21:43	WG2251620
n-Hexane	0.526		0.0565	0.125	1	03/22/2024 21:43	WG2251620
Isopropylbenzene	0.0229	E4	0.0106	0.0625	1	03/22/2024 21:43	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 21:43	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 21:43	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 21:43	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 21:43	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 21:43	WG2251620
Methyl Cyclohexane	0.528		0.0515	0.125	1	03/22/2024 21:43	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 21:43	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 21:43	WG2251620
n-Propylbenzene	0.0448	E4	0.0238	0.125	1	03/22/2024 21:43	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 21:43	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 21:43	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 21:43	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 21:43	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 21:43	WG2251620
Toluene	2.32		0.0325	0.125	1	03/22/2024 21:43	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 21:43	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 21:43	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 21:43	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 21:43	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 21:43	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 21:43	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 21:43	WG2251620
1,2,4-Trimethylbenzene	0.149		0.0395	0.125	1	03/22/2024 21:43	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 21:43	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 21:43	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 21:43	WG2251620
Xylenes, Total	1.59		0.0220	0.163	1	03/22/2024 21:43	WG2251620
(S) Toluene-d8	*102*			*75.0-131*		*03/22/2024 21:43*	WG2251620
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*03/22/2024 21:43*	WG2251620
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*03/22/2024 21:43*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 22:02	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 22:02	WG2251620
Benzene	0.0343		0.0117	0.0250	1	03/22/2024 22:02	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 22:02	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 22:02	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 22:02	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 22:02	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 22:02	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 22:02	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 22:02	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 22:02	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 22:02	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 22:02	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 22:02	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 22:02	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 22:02	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 22:02	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 22:02	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 22:02	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 22:02	WG2251620
Cyclohexane	0.0682		0.0278	0.0625	1	03/22/2024 22:02	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 22:02	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 22:02	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 22:02	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 22:02	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 22:02	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 22:02	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 22:02	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 22:02	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 22:02	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 22:02	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 22:02	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 22:02	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 22:02	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 22:02	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 22:02	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 22:02	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 22:02	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 22:02	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 22:02	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 22:02	WG2251620
Ethylbenzene	0.114		0.0184	0.0625	1	03/22/2024 22:02	WG2251620
4-Ethyltoluene	0.138		0.0580	0.125	1	03/22/2024 22:02	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 22:02	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 22:02	WG2251620
Isopropylbenzene	0.0109	E4	0.0106	0.0625	1	03/22/2024 22:02	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 22:02	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 22:02	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 22:02	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 22:02	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 22:02	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 22:02	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 22:02	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 22:02	WG2251620
n-Propylbenzene	0.0288	E4	0.0238	0.125	1	03/22/2024 22:02	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 22:02	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 22:02	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 22:02	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 22:02	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 22:02	WG2251620
Toluene	0.337		0.0325	0.125	1	03/22/2024 22:02	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 22:02	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 22:02	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 22:02	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 22:02	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 22:02	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 22:02	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 22:02	WG2251620
1,2,4-Trimethylbenzene	0.159		0.0395	0.125	1	03/22/2024 22:02	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 22:02	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 22:02	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 22:02	WG2251620
Xylenes, Total	0.510		0.0220	0.163	1	03/22/2024 22:02	WG2251620
(S) Toluene-d8	*102*			*75.0-131*		*03/22/2024 22:02*	WG2251620
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*03/22/2024 22:02*	WG2251620
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*03/22/2024 22:02*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	03/26/2024 18:24	WG2254123
Acrylonitrile	U		3.61	12.5	40	03/26/2024 18:24	WG2254123
Benzene	2.62		0.467	1.00	40	03/26/2024 18:24	WG2254123
Bromobenzene	U		0.900	12.5	40	03/26/2024 18:24	WG2254123
Bromodichloromethane	U		0.725	2.50	40	03/26/2024 18:24	WG2254123
Bromoform	U		1.17	25.0	40	03/26/2024 18:24	WG2254123
Bromomethane	U		1.97	12.5	40	03/26/2024 18:24	WG2254123
1,3-Butadiene	U		5.13	25.0	40	03/26/2024 18:24	WG2254123
n-Butylbenzene	U		5.25	12.5	40	03/26/2024 18:24	WG2254123
sec-Butylbenzene	U		2.88	12.5	40	03/26/2024 18:24	WG2254123
tert-Butylbenzene	U		1.95	5.00	40	03/26/2024 18:24	WG2254123
Carbon disulfide	U		0.700	12.5	40	03/26/2024 18:24	WG2254123
Carbon tetrachloride	U		0.898	5.00	40	03/26/2024 18:24	WG2254123
Chlorobenzene	U		0.210	2.50	40	03/26/2024 18:24	WG2254123
Chlorodibromomethane	U		0.612	2.50	40	03/26/2024 18:24	WG2254123
Chloroethane	U		1.70	5.00	40	03/26/2024 18:24	WG2254123
Chloroform	U		1.03	2.50	40	03/26/2024 18:24	WG2254123
Chloromethane	U		4.35	12.5	40	03/26/2024 18:24	WG2254123
2-Chlorotoluene	U		0.865	2.50	40	03/26/2024 18:24	WG2254123
4-Chlorotoluene	U		0.450	5.00	40	03/26/2024 18:24	WG2254123
Cyclohexane	5.20		1.11	2.50	40	03/26/2024 18:24	WG2254123
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	03/26/2024 18:24	WG2254123
1,2-Dibromoethane	U		0.648	2.50	40	03/26/2024 18:24	WG2254123
Dibromomethane	U		0.750	5.00	40	03/26/2024 18:24	WG2254123
1,2-Dichlorobenzene	U		0.425	5.00	40	03/26/2024 18:24	WG2254123
1,3-Dichlorobenzene	U		0.600	5.00	40	03/26/2024 18:24	WG2254123
1,4-Dichlorobenzene	U		0.700	5.00	40	03/26/2024 18:24	WG2254123
Dichlorodifluoromethane	U		1.61	2.50	40	03/26/2024 18:24	WG2254123
1,1-Dichloroethane	U		0.491	2.50	40	03/26/2024 18:24	WG2254123
1,2-Dichloroethane	U		0.649	2.50	40	03/26/2024 18:24	WG2254123
1,1-Dichloroethene	U		0.606	2.50	40	03/26/2024 18:24	WG2254123
cis-1,2-Dichloroethene	U		0.734	2.50	40	03/26/2024 18:24	WG2254123
trans-1,2-Dichloroethene	U		1.04	5.00	40	03/26/2024 18:24	WG2254123
1,2-Dichloropropane	U		1.42	5.00	40	03/26/2024 18:24	WG2254123
1,1-Dichloropropene	U		0.809	2.50	40	03/26/2024 18:24	WG2254123
1,3-Dichloropropane	U		0.501	5.00	40	03/26/2024 18:24	WG2254123
cis-1,3-Dichloropropene	U		0.757	2.50	40	03/26/2024 18:24	WG2254123
trans-1,3-Dichloropropene	U		1.14	5.00	40	03/26/2024 18:24	WG2254123
2,2-Dichloropropane	U		1.38	2.50	40	03/26/2024 18:24	WG2254123
Dicyclopentadiene	U		1.65	12.5	40	03/26/2024 18:24	WG2254123
Di-isopropyl ether	U		0.410	1.00	40	03/26/2024 18:24	WG2254123
Ethylbenzene	16.2		0.737	2.50	40	03/26/2024 18:24	WG2254123
4-Ethyltoluene	24.0		2.32	5.00	40	03/26/2024 18:24	WG2254123
Hexachloro-1,3-butadiene	U		6.00	25.0	40	03/26/2024 18:24	WG2254123
n-Hexane	5.97		2.26	5.00	40	03/26/2024 18:24	WG2254123
Isopropylbenzene	1.78	E4	0.425	2.50	40	03/26/2024 18:24	WG2254123
p-Isopropyltoluene	U		2.55	5.00	40	03/26/2024 18:24	WG2254123
2-Butanone (MEK)	U		63.5	100	40	03/26/2024 18:24	WG2254123
Methylene Chloride	U		6.64	25.0	40	03/26/2024 18:24	WG2254123
4-Methyl-2-pentanone (MIBK)	U		2.28	25.0	40	03/26/2024 18:24	WG2254123
Methyl tert-butyl ether	U		0.350	1.00	40	03/26/2024 18:24	WG2254123
Methyl Cyclohexane	9.96		2.06	5.00	40	03/26/2024 18:24	WG2254123
Naphthalene	U		4.88	12.5	40	03/26/2024 18:24	WG2254123
Propene	U		6.12	50.0	40	03/26/2024 18:24	WG2254123
n-Propylbenzene	4.94	E4	0.950	5.00	40	03/26/2024 18:24	WG2254123
Styrene	U		0.229	12.5	40	03/26/2024 18:24	WG2254123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	03/26/2024 18:24	WG2254123
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	03/26/2024 18:24	WG2254123
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	03/26/2024 18:24	WG2254123
Tetrachloroethene	U		0.896	2.50	40	03/26/2024 18:24	WG2254123
Toluene	41.5		1.30	5.00	40	03/26/2024 18:24	WG2254123
1,2,3-Trichlorobenzene	U		7.33	12.5	40	03/26/2024 18:24	WG2254123
1,2,4-Trichlorobenzene	U		4.40	12.5	40	03/26/2024 18:24	WG2254123
1,1,1-Trichloroethane	U		0.923	2.50	40	03/26/2024 18:24	WG2254123
1,1,2-Trichloroethane	U		0.597	2.50	40	03/26/2024 18:24	WG2254123
Trichloroethene	U		0.584	1.00	40	03/26/2024 18:24	WG2254123
Trichlorofluoromethane	U		0.827	2.50	40	03/26/2024 18:24	WG2254123
1,2,3-Trichloropropane	U		1.62	12.5	40	03/26/2024 18:24	WG2254123
1,2,4-Trimethylbenzene	26.6		1.58	5.00	40	03/26/2024 18:24	WG2254123
1,2,3-Trimethylbenzene	5.37		1.58	5.00	40	03/26/2024 18:24	WG2254123
1,3,5-Trimethylbenzene	5.18		2.00	5.00	40	03/26/2024 18:24	WG2254123
Vinyl chloride	U		1.16	2.50	40	03/26/2024 18:24	WG2254123
Xylenes, Total	74.0		0.880	6.50	40	03/26/2024 18:24	WG2254123
(S) Toluene-d8	*99.1*			*75.0-131*		*03/26/2024 18:24*	WG2254123
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*03/26/2024 18:24*	WG2254123
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*03/26/2024 18:24*	WG2254123

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	03/20/2024 20:08	WG2248521
Acenaphthene	U		0.00209	0.00600	1	03/20/2024 20:08	WG2248521
Acenaphthylene	U		0.00216	0.00600	1	03/20/2024 20:08	WG2248521
Benzo(a)anthracene	U		0.00173	0.00600	1	03/20/2024 20:08	WG2248521
Benzo(a)pyrene	U		0.00179	0.00600	1	03/20/2024 20:08	WG2248521
Benzo(b)fluoranthene	U		0.00153	0.00600	1	03/20/2024 20:08	WG2248521
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	03/20/2024 20:08	WG2248521
Benzo(k)fluoranthene	U		0.00215	0.00600	1	03/20/2024 20:08	WG2248521
Chrysene	U		0.00232	0.00600	1	03/20/2024 20:08	WG2248521
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	03/20/2024 20:08	WG2248521
Fluoranthene	U		0.00227	0.00600	1	03/20/2024 20:08	WG2248521
Fluorene	U		0.00205	0.00600	1	03/20/2024 20:08	WG2248521
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	03/20/2024 20:08	WG2248521
Naphthalene	1.74		0.00408	0.0200	1	03/20/2024 20:08	WG2248521
Phenanthrene	U		0.00231	0.00600	1	03/20/2024 20:08	WG2248521
Pyrene	U		0.00200	0.00600	1	03/20/2024 20:08	WG2248521
1-Methylnaphthalene	0.268		0.00449	0.0200	1	03/20/2024 20:08	WG2248521
2-Methylnaphthalene	0.596		0.00427	0.0200	1	03/20/2024 20:08	WG2248521
2-Chloronaphthalene	U		0.00466	0.0200	1	03/20/2024 20:08	WG2248521
(S) p-Terphenyl-d14	*114*			*23.0-120*		*03/20/2024 20:08*	WG2248521
(S) Nitrobenzene-d5	*0.000*	S6		*14.0-149*		*03/20/2024 20:08*	WG2248521
(S) 2-Fluorobiphenyl	*116*			*34.0-125*		*03/20/2024 20:08*	WG2248521

Sample Narrative:

L1715546-04 WG2248521: Surrogate failure due to matrix interference.

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 00:16	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 00:16	WG2252102
Benzene	0.0845		0.0117	0.0250	1	03/23/2024 00:16	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 00:16	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 00:16	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 00:16	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 00:16	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 00:16	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 00:16	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 00:16	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 00:16	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 00:16	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 00:16	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 00:16	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 00:16	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 00:16	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 00:16	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 00:16	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 00:16	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 00:16	WG2252102
Cyclohexane	0.0819		0.0278	0.0625	1	03/26/2024 16:31	WG2254123
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 00:16	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 00:16	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 00:16	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 00:16	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 00:16	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 00:16	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 00:16	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 00:16	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 00:16	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 00:16	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 00:16	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 00:16	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 00:16	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 00:16	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 00:16	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 00:16	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 00:16	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 00:16	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 00:16	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 00:16	WG2252102
Ethylbenzene	0.173		0.0184	0.0625	1	03/26/2024 16:31	WG2254123
4-Ethyltoluene	0.197		0.0580	0.125	1	03/26/2024 16:31	WG2254123
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 00:16	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 00:16	WG2252102
Isopropylbenzene	0.0123	E4	0.0106	0.0625	1	03/23/2024 00:16	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 00:16	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 00:16	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 00:16	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 00:16	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 00:16	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 00:16	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 00:16	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 00:16	WG2252102
n-Propylbenzene	0.0410	E4	0.0238	0.125	1	03/26/2024 16:31	WG2254123
Styrene	U		0.00573	0.313	1	03/23/2024 00:16	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 00:16	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 00:16	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 00:16	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 00:16	WG2252102
Toluene	0.750		0.0325	0.125	1	03/26/2024 16:31	WG2254123
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 00:16	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 00:16	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 00:16	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 00:16	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 00:16	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 00:16	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 00:16	WG2252102
1,2,4-Trimethylbenzene	0.230		0.0395	0.125	1	03/26/2024 16:31	WG2254123
1,2,3-Trimethylbenzene	0.0504	E4	0.0395	0.125	1	03/26/2024 16:31	WG2254123
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/26/2024 16:31	WG2254123
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 00:16	WG2252102
Xylenes, Total	0.701		0.0220	0.163	1	03/23/2024 00:16	WG2252102
(S) Toluene-d8	*108*			*75.0-131*		*03/23/2024 00:16*	WG2252102
(S) Toluene-d8	*96.6*			*75.0-131*		*03/26/2024 16:31*	WG2254123
(S) 4-Bromofluorobenzene	*97.2*			*67.0-138*		*03/23/2024 00:16*	WG2252102
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*03/26/2024 16:31*	WG2254123
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*03/23/2024 00:16*	WG2252102
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*03/26/2024 16:31*	WG2254123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 00:36	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 00:36	WG2252102
Benzene	0.402		0.0117	0.0250	1	03/23/2024 00:36	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 00:36	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 00:36	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 00:36	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 00:36	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 00:36	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 00:36	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 00:36	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 00:36	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 00:36	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 00:36	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 00:36	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 00:36	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 00:36	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 00:36	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 00:36	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 00:36	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 00:36	WG2252102
Cyclohexane	0.0845		0.0278	0.0625	1	03/23/2024 00:36	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 00:36	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 00:36	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 00:36	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 00:36	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 00:36	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 00:36	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 00:36	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 00:36	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 00:36	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 00:36	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 00:36	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 00:36	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 00:36	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 00:36	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 00:36	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 00:36	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 00:36	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 00:36	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 00:36	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 00:36	WG2252102
Ethylbenzene	0.146		0.0184	0.0625	1	03/23/2024 00:36	WG2252102
4-Ethyltoluene	0.0926	E4	0.0580	0.125	1	03/23/2024 00:36	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 00:36	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 00:36	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 00:36	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 00:36	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 00:36	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 00:36	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 00:36	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 00:36	WG2252102
Methyl Cyclohexane	0.0525	E4	0.0515	0.125	1	03/23/2024 00:36	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 00:36	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 00:36	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 00:36	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 00:36	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 00:36	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 00:36	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 00:36	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 00:36	WG2252102
Toluene	1.84		0.0325	0.125	1	03/23/2024 00:36	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 00:36	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 00:36	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 00:36	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 00:36	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 00:36	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 00:36	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 00:36	WG2252102
1,2,4-Trimethylbenzene	0.120	E4	0.0395	0.125	1	03/23/2024 00:36	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 00:36	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 00:36	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 00:36	WG2252102
Xylenes, Total	0.642		0.0220	0.163	1	03/23/2024 00:36	WG2252102
(S) Toluene-d8	*109*			*75.0-131*		*03/23/2024 00:36*	WG2252102
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*03/23/2024 00:36*	WG2252102
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*03/23/2024 00:36*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 00:56	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 00:56	WG2252102
Benzene	0.296		0.0117	0.0250	1	03/23/2024 00:56	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 00:56	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 00:56	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 00:56	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 00:56	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 00:56	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 00:56	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 00:56	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 00:56	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 00:56	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 00:56	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 00:56	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 00:56	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 00:56	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 00:56	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 00:56	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 00:56	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 00:56	WG2252102
Cyclohexane	0.112		0.0278	0.0625	1	03/23/2024 00:56	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 00:56	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 00:56	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 00:56	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 00:56	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 00:56	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 00:56	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 00:56	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 00:56	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 00:56	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 00:56	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 00:56	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 00:56	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 00:56	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 00:56	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 00:56	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 00:56	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 00:56	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 00:56	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 00:56	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 00:56	WG2252102
Ethylbenzene	0.287		0.0184	0.0625	1	03/23/2024 00:56	WG2252102
4-Ethyltoluene	0.346		0.0580	0.125	1	03/23/2024 00:56	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 00:56	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 00:56	WG2252102
Isopropylbenzene	0.0225	E4	0.0106	0.0625	1	03/23/2024 00:56	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 00:56	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 00:56	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 00:56	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 00:56	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 00:56	WG2252102
Methyl Cyclohexane	0.0993	E4	0.0515	0.125	1	03/23/2024 00:56	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 00:56	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 00:56	WG2252102
n-Propylbenzene	0.0719	E4	0.0238	0.125	1	03/23/2024 00:56	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 00:56	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 00:56	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 00:56	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 00:56	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 00:56	WG2252102
Toluene	1.95		0.0325	0.125	1	03/23/2024 00:56	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 00:56	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 00:56	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 00:56	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 00:56	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 00:56	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 00:56	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 00:56	WG2252102
1,2,4-Trimethylbenzene	0.446		0.0395	0.125	1	03/23/2024 00:56	WG2252102
1,2,3-Trimethylbenzene	0.105	E4	0.0395	0.125	1	03/23/2024 00:56	WG2252102
1,3,5-Trimethylbenzene	0.117	E4	0.0500	0.125	1	03/23/2024 00:56	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 00:56	WG2252102
Xylenes, Total	1.20		0.0220	0.163	1	03/23/2024 00:56	WG2252102
(S) Toluene-d8	*108*			*75.0-131*		*03/23/2024 00:56*	WG2252102
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*03/23/2024 00:56*	WG2252102
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*03/23/2024 00:56*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 01:16	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 01:16	WG2252102
Benzene	0.0848		0.0117	0.0250	1	03/23/2024 01:16	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 01:16	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 01:16	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 01:16	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 01:16	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 01:16	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 01:16	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 01:16	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 01:16	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 01:16	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 01:16	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 01:16	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 01:16	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 01:16	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 01:16	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 01:16	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 01:16	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 01:16	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 01:16	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 01:16	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 01:16	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 01:16	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 01:16	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 01:16	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 01:16	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 01:16	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 01:16	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 01:16	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 01:16	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 01:16	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 01:16	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 01:16	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 01:16	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 01:16	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 01:16	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 01:16	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 01:16	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 01:16	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 01:16	WG2252102
Ethylbenzene	0.115		0.0184	0.0625	1	03/23/2024 01:16	WG2252102
4-Ethyltoluene	0.0668	E4	0.0580	0.125	1	03/23/2024 01:16	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 01:16	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 01:16	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 01:16	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 01:16	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 01:16	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 01:16	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 01:16	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 01:16	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 01:16	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 01:16	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 01:16	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 01:16	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 01:16	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 01:16	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 01:16	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 01:16	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 01:16	WG2252102
Toluene	0.782		0.0325	0.125	1	03/23/2024 01:16	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 01:16	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 01:16	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 01:16	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 01:16	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 01:16	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 01:16	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 01:16	WG2252102
1,2,4-Trimethylbenzene	0.0866	E4	0.0395	0.125	1	03/23/2024 01:16	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 01:16	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 01:16	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 01:16	WG2252102
Xylenes, Total	0.501		0.0220	0.163	1	03/23/2024 01:16	WG2252102
(S) Toluene-d8	*106*			*75.0-131*		*03/23/2024 01:16*	WG2252102
(S) 4-Bromofluorobenzene	*95.4*			*67.0-138*		*03/23/2024 01:16*	WG2252102
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*03/23/2024 01:16*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 01:35	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 01:35	WG2252102
Benzene	0.102		0.0117	0.0250	1	03/23/2024 01:35	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 01:35	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 01:35	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 01:35	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 01:35	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 01:35	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 01:35	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 01:35	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 01:35	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 01:35	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 01:35	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 01:35	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 01:35	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 01:35	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 01:35	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 01:35	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 01:35	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 01:35	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 01:35	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 01:35	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 01:35	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 01:35	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 01:35	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 01:35	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 01:35	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 01:35	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 01:35	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 01:35	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 01:35	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 01:35	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 01:35	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 01:35	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 01:35	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 01:35	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 01:35	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 01:35	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 01:35	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 01:35	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 01:35	WG2252102
Ethylbenzene	0.504		0.0184	0.0625	1	03/23/2024 01:35	WG2252102
4-Ethyltoluene	0.536		0.0580	0.125	1	03/23/2024 01:35	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 01:35	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 01:35	WG2252102
Isopropylbenzene	0.0393	E4	0.0106	0.0625	1	03/23/2024 01:35	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 01:35	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 01:35	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 01:35	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 01:35	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 01:35	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 01:35	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 01:35	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 01:35	WG2252102
n-Propylbenzene	0.108	E4	0.0238	0.125	1	03/23/2024 01:35	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 01:35	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 01:35	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 01:35	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 01:35	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 01:35	WG2252102
Toluene	1.63		0.0325	0.125	1	03/23/2024 01:35	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 01:35	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 01:35	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 01:35	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 01:35	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 01:35	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 01:35	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 01:35	WG2252102
1,2,4-Trimethylbenzene	0.700		0.0395	0.125	1	03/26/2024 16:50	WG2254123
1,2,3-Trimethylbenzene	0.142		0.0395	0.125	1	03/23/2024 01:35	WG2252102
1,3,5-Trimethylbenzene	0.169		0.0500	0.125	1	03/23/2024 01:35	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 01:35	WG2252102
Xylenes, Total	2.38		0.0220	0.163	1	03/23/2024 01:35	WG2252102
(S) Toluene-d8	*108*			*75.0-131*		*03/23/2024 01:35*	WG2252102
(S) Toluene-d8	*101*			*75.0-131*		*03/26/2024 16:50*	WG2254123
(S) 4-Bromofluorobenzene	*94.6*			*67.0-138*		*03/23/2024 01:35*	WG2252102
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/26/2024 16:50*	WG2254123
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*03/23/2024 01:35*	WG2252102
(S) 1,2-Dichloroethane-d4	*88.5*			*70.0-130*		*03/26/2024 16:50*	WG2254123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 01:55	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 01:55	WG2252102
Benzene	U		0.0117	0.0250	1	03/23/2024 01:55	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 01:55	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 01:55	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 01:55	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 01:55	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 01:55	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 01:55	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 01:55	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 01:55	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 01:55	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 01:55	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 01:55	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 01:55	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 01:55	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 01:55	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 01:55	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 01:55	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 01:55	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 01:55	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 01:55	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 01:55	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 01:55	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 01:55	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 01:55	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 01:55	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 01:55	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 01:55	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 01:55	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 01:55	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 01:55	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 01:55	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 01:55	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 01:55	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 01:55	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 01:55	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 01:55	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 01:55	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 01:55	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 01:55	WG2252102
Ethylbenzene	0.0290	E4	0.0184	0.0625	1	03/23/2024 01:55	WG2252102
4-Ethyltoluene	U		0.0580	0.125	1	03/23/2024 01:55	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 01:55	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 01:55	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 01:55	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 01:55	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 01:55	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 01:55	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 01:55	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 01:55	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 01:55	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 01:55	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 01:55	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 01:55	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 01:55	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 01:55	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 01:55	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 01:55	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 01:55	WG2252102
Toluene	0.0730	E4	0.0325	0.125	1	03/23/2024 01:55	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 01:55	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 01:55	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 01:55	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 01:55	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 01:55	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 01:55	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 01:55	WG2252102
1,2,4-Trimethylbenzene	0.0530	E4	0.0395	0.125	1	03/23/2024 01:55	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 01:55	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 01:55	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 01:55	WG2252102
Xylenes, Total	0.132	E4	0.0220	0.163	1	03/23/2024 01:55	WG2252102
(S) Toluene-d8	*107*			*75.0-131*		*03/23/2024 01:55*	WG2252102
(S) 4-Bromofluorobenzene	*97.8*			*67.0-138*		*03/23/2024 01:55*	WG2252102
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*03/23/2024 01:55*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 02:15	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 02:15	WG2252102
Benzene	U		0.0117	0.0250	1	03/23/2024 02:15	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 02:15	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 02:15	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 02:15	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 02:15	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 02:15	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 02:15	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 02:15	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 02:15	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 02:15	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 02:15	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 02:15	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 02:15	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 02:15	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 02:15	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 02:15	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 02:15	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 02:15	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 02:15	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 02:15	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 02:15	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 02:15	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 02:15	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 02:15	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 02:15	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 02:15	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 02:15	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 02:15	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 02:15	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 02:15	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 02:15	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 02:15	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 02:15	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 02:15	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 02:15	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 02:15	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 02:15	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 02:15	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 02:15	WG2252102
Ethylbenzene	0.0494	E4	0.0184	0.0625	1	03/23/2024 02:15	WG2252102
4-Ethyltoluene	0.0878	E4	0.0580	0.125	1	03/23/2024 02:15	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 02:15	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 02:15	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 02:15	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 02:15	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 02:15	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 02:15	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 02:15	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 02:15	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 02:15	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 02:15	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 02:15	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 02:15	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 02:15	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 02:15	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 02:15	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 02:15	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 02:15	WG2252102
Toluene	0.115	E4	0.0325	0.125	1	03/23/2024 02:15	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 02:15	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 02:15	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 02:15	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 02:15	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 02:15	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 02:15	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 02:15	WG2252102
1,2,4-Trimethylbenzene	0.107	E4	0.0395	0.125	1	03/23/2024 02:15	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 02:15	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 02:15	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 02:15	WG2252102
Xylenes, Total	0.232		0.0220	0.163	1	03/23/2024 02:15	WG2252102
(S) Toluene-d8	*108*			*75.0-131*		*03/23/2024 02:15*	WG2252102
(S) 4-Bromofluorobenzene	*98.9*			*67.0-138*		*03/23/2024 02:15*	WG2252102
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*03/23/2024 02:15*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 02:34	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 02:34	WG2252102
Benzene	U		0.0117	0.0250	1	03/23/2024 02:34	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 02:34	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 02:34	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 02:34	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 02:34	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 02:34	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 02:34	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 02:34	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 02:34	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 02:34	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 02:34	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 02:34	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 02:34	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 02:34	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 02:34	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 02:34	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 02:34	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 02:34	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 02:34	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 02:34	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 02:34	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 02:34	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 02:34	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 02:34	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 02:34	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 02:34	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 02:34	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 02:34	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 02:34	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 02:34	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 02:34	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 02:34	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 02:34	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 02:34	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 02:34	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 02:34	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 02:34	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 02:34	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 02:34	WG2252102
Ethylbenzene	0.0278	E4	0.0184	0.0625	1	03/23/2024 02:34	WG2252102
4-Ethyltoluene	U		0.0580	0.125	1	03/23/2024 02:34	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 02:34	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 02:34	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 02:34	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 02:34	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 02:34	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 02:34	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 02:34	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 02:34	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 02:34	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 02:34	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 02:34	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 02:34	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 02:34	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 02:34	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 02:34	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 02:34	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 02:34	WG2252102
Toluene	0.0688	E4	0.0325	0.125	1	03/23/2024 02:34	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 02:34	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 02:34	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 02:34	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 02:34	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 02:34	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 02:34	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 02:34	WG2252102
1,2,4-Trimethylbenzene	0.0688	E4	0.0395	0.125	1	03/23/2024 02:34	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 02:34	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 02:34	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 02:34	WG2252102
Xylenes, Total	0.126	E4	0.0220	0.163	1	03/23/2024 02:34	WG2252102
(S) Toluene-d8	*106*			*75.0-131*		*03/23/2024 02:34*	WG2252102
(S) 4-Bromofluorobenzene	*98.4*			*67.0-138*		*03/23/2024 02:34*	WG2252102
(S) 1,2-Dichloroethane-d4	*91.2*			*70.0-130*		*03/23/2024 02:34*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 02:54	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 02:54	WG2252102
Benzene	U		0.0117	0.0250	1	03/23/2024 02:54	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 02:54	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 02:54	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 02:54	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 02:54	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 02:54	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 02:54	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 02:54	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 02:54	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 02:54	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 02:54	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 02:54	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 02:54	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 02:54	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 02:54	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 02:54	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 02:54	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 02:54	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 02:54	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 02:54	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 02:54	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 02:54	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 02:54	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 02:54	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 02:54	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 02:54	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 02:54	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 02:54	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 02:54	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 02:54	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 02:54	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 02:54	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 02:54	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 02:54	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 02:54	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 02:54	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 02:54	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 02:54	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 02:54	WG2252102
Ethylbenzene	U		0.0184	0.0625	1	03/23/2024 02:54	WG2252102
4-Ethyltoluene	U		0.0580	0.125	1	03/23/2024 02:54	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 02:54	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 02:54	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 02:54	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 02:54	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 02:54	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 02:54	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 02:54	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 02:54	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 02:54	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 02:54	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 02:54	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 02:54	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 02:54	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 02:54	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 02:54	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 02:54	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 02:54	WG2252102
Toluene	U		0.0325	0.125	1	03/23/2024 02:54	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 02:54	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 02:54	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 02:54	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 02:54	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 02:54	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 02:54	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 02:54	WG2252102
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 02:54	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 02:54	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 02:54	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 02:54	WG2252102
Xylenes, Total	U		0.0220	0.163	1	03/23/2024 02:54	WG2252102
(S) Toluene-d8	*103*			*75.0-131*		*03/23/2024 02:54*	WG2252102
(S) 4-Bromofluorobenzene	*95.8*			*67.0-138*		*03/23/2024 02:54*	WG2252102
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*03/23/2024 02:54*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 03:14	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 03:14	WG2252102
Benzene	U		0.0117	0.0250	1	03/23/2024 03:14	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 03:14	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 03:14	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 03:14	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 03:14	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 03:14	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 03:14	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 03:14	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 03:14	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 03:14	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 03:14	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 03:14	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 03:14	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 03:14	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 03:14	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 03:14	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 03:14	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 03:14	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 03:14	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 03:14	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 03:14	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 03:14	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 03:14	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 03:14	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 03:14	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 03:14	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 03:14	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 03:14	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 03:14	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 03:14	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 03:14	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 03:14	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 03:14	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 03:14	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 03:14	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 03:14	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 03:14	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 03:14	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 03:14	WG2252102
Ethylbenzene	U		0.0184	0.0625	1	03/23/2024 03:14	WG2252102
4-Ethyltoluene	U		0.0580	0.125	1	03/23/2024 03:14	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 03:14	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 03:14	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 03:14	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 03:14	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 03:14	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 03:14	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 03:14	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 03:14	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 03:14	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 03:14	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 03:14	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 03:14	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 03:14	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 03:14	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 03:14	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 03:14	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 03:14	WG2252102
Toluene	U		0.0325	0.125	1	03/23/2024 03:14	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 03:14	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 03:14	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 03:14	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 03:14	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 03:14	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 03:14	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 03:14	WG2252102
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 03:14	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 03:14	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 03:14	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 03:14	WG2252102
Xylenes, Total	U		0.0220	0.163	1	03/23/2024 03:14	WG2252102
(S) Toluene-d8	*104*			*75.0-131*		*03/23/2024 03:14*	WG2252102
(S) 4-Bromofluorobenzene	*99.2*			*67.0-138*		*03/23/2024 03:14*	WG2252102
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*		*03/23/2024 03:14*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/23/2024 03:33	WG2252102
Acrylonitrile	U		0.0903	0.313	1	03/23/2024 03:33	WG2252102
Benzene	U		0.0117	0.0250	1	03/23/2024 03:33	WG2252102
Bromobenzene	U		0.0225	0.313	1	03/23/2024 03:33	WG2252102
Bromodichloromethane	U		0.0181	0.0625	1	03/23/2024 03:33	WG2252102
Bromoform	U		0.0293	0.625	1	03/23/2024 03:33	WG2252102
Bromomethane	U		0.0493	0.313	1	03/23/2024 03:33	WG2252102
1,3-Butadiene	U		0.128	0.625	1	03/23/2024 03:33	WG2252102
n-Butylbenzene	U		0.131	0.313	1	03/23/2024 03:33	WG2252102
sec-Butylbenzene	U	L2	0.0720	0.313	1	03/23/2024 03:33	WG2252102
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/23/2024 03:33	WG2252102
Carbon disulfide	U		0.0175	0.313	1	03/23/2024 03:33	WG2252102
Carbon tetrachloride	U		0.0225	0.125	1	03/23/2024 03:33	WG2252102
Chlorobenzene	U		0.00525	0.0625	1	03/23/2024 03:33	WG2252102
Chlorodibromomethane	U		0.0153	0.0625	1	03/23/2024 03:33	WG2252102
Chloroethane	U		0.0425	0.125	1	03/23/2024 03:33	WG2252102
Chloroform	U		0.0258	0.0625	1	03/23/2024 03:33	WG2252102
Chloromethane	U		0.109	0.313	1	03/23/2024 03:33	WG2252102
2-Chlorotoluene	U		0.0216	0.0625	1	03/23/2024 03:33	WG2252102
4-Chlorotoluene	U		0.0113	0.125	1	03/23/2024 03:33	WG2252102
Cyclohexane	U		0.0278	0.0625	1	03/23/2024 03:33	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/23/2024 03:33	WG2252102
1,2-Dibromoethane	U		0.0162	0.0625	1	03/23/2024 03:33	WG2252102
Dibromomethane	U		0.0188	0.125	1	03/23/2024 03:33	WG2252102
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/23/2024 03:33	WG2252102
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/23/2024 03:33	WG2252102
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/23/2024 03:33	WG2252102
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/23/2024 03:33	WG2252102
1,1-Dichloroethane	U		0.0123	0.0625	1	03/23/2024 03:33	WG2252102
1,2-Dichloroethane	U		0.0162	0.0625	1	03/23/2024 03:33	WG2252102
1,1-Dichloroethene	U		0.0152	0.0625	1	03/23/2024 03:33	WG2252102
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/23/2024 03:33	WG2252102
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/23/2024 03:33	WG2252102
1,2-Dichloropropane	U		0.0355	0.125	1	03/23/2024 03:33	WG2252102
1,1-Dichloropropene	U		0.0202	0.0625	1	03/23/2024 03:33	WG2252102
1,3-Dichloropropane	U		0.0125	0.125	1	03/23/2024 03:33	WG2252102
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/23/2024 03:33	WG2252102
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/23/2024 03:33	WG2252102
2,2-Dichloropropane	U		0.0345	0.0625	1	03/23/2024 03:33	WG2252102
Dicyclopentadiene	U	L2	0.0413	0.313	1	03/23/2024 03:33	WG2252102
Di-isopropyl ether	U		0.0103	0.0250	1	03/23/2024 03:33	WG2252102
Ethylbenzene	U		0.0184	0.0625	1	03/23/2024 03:33	WG2252102
4-Ethyltoluene	U		0.0580	0.125	1	03/23/2024 03:33	WG2252102
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/23/2024 03:33	WG2252102
n-Hexane	U		0.0565	0.125	1	03/23/2024 03:33	WG2252102
Isopropylbenzene	U		0.0106	0.0625	1	03/23/2024 03:33	WG2252102
p-Isopropyltoluene	U		0.0638	0.125	1	03/23/2024 03:33	WG2252102
2-Butanone (MEK)	U		1.59	2.50	1	03/23/2024 03:33	WG2252102
Methylene Chloride	U		0.166	0.625	1	03/23/2024 03:33	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/23/2024 03:33	WG2252102
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/23/2024 03:33	WG2252102
Methyl Cyclohexane	U		0.0515	0.125	1	03/23/2024 03:33	WG2252102
Naphthalene	U		0.122	0.313	1	03/23/2024 03:33	WG2252102
Propene	U		0.153	1.25	1	03/23/2024 03:33	WG2252102
n-Propylbenzene	U		0.0238	0.125	1	03/23/2024 03:33	WG2252102
Styrene	U		0.00573	0.313	1	03/23/2024 03:33	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/23/2024 03:33	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/23/2024 03:33	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/23/2024 03:33	WG2252102
Tetrachloroethene	U		0.0224	0.0625	1	03/23/2024 03:33	WG2252102
Toluene	U		0.0325	0.125	1	03/23/2024 03:33	WG2252102
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/23/2024 03:33	WG2252102
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/23/2024 03:33	WG2252102
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/23/2024 03:33	WG2252102
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/23/2024 03:33	WG2252102
Trichloroethene	U		0.0146	0.0250	1	03/23/2024 03:33	WG2252102
Trichlorofluoromethane	U		0.0207	0.0625	1	03/23/2024 03:33	WG2252102
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/23/2024 03:33	WG2252102
1,2,4-Trimethylbenzene	0.0481	E4	0.0395	0.125	1	03/23/2024 03:33	WG2252102
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/23/2024 03:33	WG2252102
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/23/2024 03:33	WG2252102
Vinyl chloride	U		0.0290	0.0625	1	03/23/2024 03:33	WG2252102
Xylenes, Total	0.0787	E4	0.0220	0.163	1	03/23/2024 03:33	WG2252102
(S) Toluene-d8	*106*			*75.0-131*		*03/23/2024 03:33*	WG2252102
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*		*03/23/2024 03:33*	WG2252102
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*		*03/23/2024 03:33*	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.958	1.31	1.05	03/23/2024 03:53	WG2252102
Acrylonitrile	U		0.0948	0.328	1.05	03/23/2024 03:53	WG2252102
Benzene	U		0.0123	0.0263	1.05	03/23/2024 03:53	WG2252102
Bromobenzene	U		0.0236	0.328	1.05	03/23/2024 03:53	WG2252102
Bromodichloromethane	U		0.0190	0.0656	1.05	03/23/2024 03:53	WG2252102
Bromoform	U		0.0307	0.656	1.05	03/23/2024 03:53	WG2252102
Bromomethane	U		0.0517	0.328	1.05	03/23/2024 03:53	WG2252102
1,3-Butadiene	U		0.135	0.656	1.05	03/23/2024 03:53	WG2252102
n-Butylbenzene	U		0.138	0.328	1.05	03/23/2024 03:53	WG2252102
sec-Butylbenzene	U	L2	0.0756	0.328	1.05	03/23/2024 03:53	WG2252102
tert-Butylbenzene	U	L2	0.0512	0.131	1.05	03/23/2024 03:53	WG2252102
Carbon disulfide	U		0.0184	0.328	1.05	03/23/2024 03:53	WG2252102
Carbon tetrachloride	U		0.0236	0.131	1.05	03/23/2024 03:53	WG2252102
Chlorobenzene	U		0.00551	0.0656	1.05	03/23/2024 03:53	WG2252102
Chlorodibromomethane	U		0.0161	0.0656	1.05	03/23/2024 03:53	WG2252102
Chloroethane	U		0.0446	0.131	1.05	03/23/2024 03:53	WG2252102
Chloroform	U		0.0270	0.0656	1.05	03/23/2024 03:53	WG2252102
Chloromethane	U		0.114	0.328	1.05	03/23/2024 03:53	WG2252102
2-Chlorotoluene	U		0.0227	0.0656	1.05	03/23/2024 03:53	WG2252102
4-Chlorotoluene	U		0.0118	0.131	1.05	03/23/2024 03:53	WG2252102
Cyclohexane	U		0.0291	0.0656	1.05	03/23/2024 03:53	WG2252102
1,2-Dibromo-3-Chloropropane	U		0.102	0.656	1.05	03/23/2024 03:53	WG2252102
1,2-Dibromoethane	U		0.0170	0.0656	1.05	03/23/2024 03:53	WG2252102
Dibromomethane	U		0.0197	0.131	1.05	03/23/2024 03:53	WG2252102
1,2-Dichlorobenzene	U		0.0112	0.131	1.05	03/23/2024 03:53	WG2252102
1,3-Dichlorobenzene	U		0.0158	0.131	1.05	03/23/2024 03:53	WG2252102
1,4-Dichlorobenzene	U		0.0184	0.131	1.05	03/23/2024 03:53	WG2252102
Dichlorodifluoromethane	U		0.0423	0.0656	1.05	03/23/2024 03:53	WG2252102
1,1-Dichloroethane	U		0.0129	0.0656	1.05	03/23/2024 03:53	WG2252102
1,2-Dichloroethane	U		0.0170	0.0656	1.05	03/23/2024 03:53	WG2252102
1,1-Dichloroethene	U		0.0159	0.0656	1.05	03/23/2024 03:53	WG2252102
cis-1,2-Dichloroethene	U		0.0193	0.0656	1.05	03/23/2024 03:53	WG2252102
trans-1,2-Dichloroethene	U		0.0273	0.131	1.05	03/23/2024 03:53	WG2252102
1,2-Dichloropropane	U		0.0373	0.131	1.05	03/23/2024 03:53	WG2252102
1,1-Dichloropropene	U		0.0212	0.0656	1.05	03/23/2024 03:53	WG2252102
1,3-Dichloropropane	U		0.0132	0.131	1.05	03/23/2024 03:53	WG2252102
cis-1,3-Dichloropropene	U		0.0199	0.0656	1.05	03/23/2024 03:53	WG2252102
trans-1,3-Dichloropropene	U		0.0299	0.131	1.05	03/23/2024 03:53	WG2252102
2,2-Dichloropropane	U		0.0362	0.0656	1.05	03/23/2024 03:53	WG2252102
Dicyclopentadiene	U	L2	0.0433	0.328	1.05	03/23/2024 03:53	WG2252102
Di-isopropyl ether	U		0.0108	0.0263	1.05	03/23/2024 03:53	WG2252102
Ethylbenzene	U		0.0193	0.0656	1.05	03/23/2024 03:53	WG2252102
4-Ethyltoluene	U		0.0609	0.131	1.05	03/23/2024 03:53	WG2252102
Hexachloro-1,3-butadiene	U		0.158	0.656	1.05	03/23/2024 03:53	WG2252102
n-Hexane	U		0.0593	0.131	1.05	03/23/2024 03:53	WG2252102
Isopropylbenzene	U		0.0112	0.0656	1.05	03/23/2024 03:53	WG2252102
p-Isopropyltoluene	U		0.0669	0.131	1.05	03/23/2024 03:53	WG2252102
2-Butanone (MEK)	U		1.67	2.63	1.05	03/23/2024 03:53	WG2252102
Methylene Chloride	U		0.174	0.656	1.05	03/23/2024 03:53	WG2252102
4-Methyl-2-pentanone (MIBK)	U		0.0599	0.656	1.05	03/23/2024 03:53	WG2252102
Methyl tert-butyl ether	U		0.00919	0.0263	1.05	03/23/2024 03:53	WG2252102
Methyl Cyclohexane	U		0.0541	0.131	1.05	03/23/2024 03:53	WG2252102
Naphthalene	U		0.128	0.328	1.05	03/23/2024 03:53	WG2252102
Propene	U		0.161	1.31	1.05	03/23/2024 03:53	WG2252102
n-Propylbenzene	U		0.0249	0.131	1.05	03/23/2024 03:53	WG2252102
Styrene	U		0.00601	0.328	1.05	03/23/2024 03:53	WG2252102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0249	0.0656	1.05	03/23/2024 03:53	WG2252102
1,1,2,2-Tetrachloroethane	U		0.0182	0.0656	1.05	03/23/2024 03:53	WG2252102
1,1,2-Trichlorotrifluoroethane	U		0.0198	0.0656	1.05	03/23/2024 03:53	WG2252102
Tetrachloroethene	U		0.0235	0.0656	1.05	03/23/2024 03:53	WG2252102
Toluene	U		0.0341	0.131	1.05	03/23/2024 03:53	WG2252102
1,2,3-Trichlorobenzene	U		0.192	0.328	1.05	03/23/2024 03:53	WG2252102
1,2,4-Trichlorobenzene	U		0.116	0.328	1.05	03/23/2024 03:53	WG2252102
1,1,1-Trichloroethane	U		0.0242	0.0656	1.05	03/23/2024 03:53	WG2252102
1,1,2-Trichloroethane	U		0.0157	0.0656	1.05	03/23/2024 03:53	WG2252102
Trichloroethene	U		0.0153	0.0263	1.05	03/23/2024 03:53	WG2252102
Trichlorofluoromethane	U		0.0217	0.0656	1.05	03/23/2024 03:53	WG2252102
1,2,3-Trichloropropane	U		0.0425	0.328	1.05	03/23/2024 03:53	WG2252102
1,2,4-Trimethylbenzene	U		0.0415	0.131	1.05	03/23/2024 03:53	WG2252102
1,2,3-Trimethylbenzene	U		0.0415	0.131	1.05	03/23/2024 03:53	WG2252102
1,3,5-Trimethylbenzene	U		0.0525	0.131	1.05	03/23/2024 03:53	WG2252102
Vinyl chloride	U		0.0305	0.0656	1.05	03/23/2024 03:53	WG2252102
Xylenes, Total	U		0.0231	0.171	1.05	03/23/2024 03:53	WG2252102
(S) Toluene-d8	*106*			*75.0-131*		*03/23/2024 03:53*	WG2252102
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*03/23/2024 03:53*	WG2252102
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*03/23/2024 03:53*	WG2252102

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	03/20/2024 20:17	WG2248521
Acenaphthene	U		0.00209	0.00600	1	03/20/2024 20:17	WG2248521
Acenaphthylene	U		0.00216	0.00600	1	03/20/2024 20:17	WG2248521
Benzo(a)anthracene	U		0.00173	0.00600	1	03/20/2024 20:17	WG2248521
Benzo(a)pyrene	U		0.00179	0.00600	1	03/20/2024 20:17	WG2248521
Benzo(b)fluoranthene	U		0.00153	0.00600	1	03/20/2024 20:17	WG2248521
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	03/20/2024 20:17	WG2248521
Benzo(k)fluoranthene	U		0.00215	0.00600	1	03/20/2024 20:17	WG2248521
Chrysene	U		0.00232	0.00600	1	03/20/2024 20:17	WG2248521
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	03/20/2024 20:17	WG2248521
Fluoranthene	U		0.00227	0.00600	1	03/20/2024 20:17	WG2248521
Fluorene	U		0.00205	0.00600	1	03/20/2024 20:17	WG2248521
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	03/20/2024 20:17	WG2248521
Naphthalene	U		0.00408	0.0200	1	03/20/2024 20:17	WG2248521
Phenanthrene	U		0.00231	0.00600	1	03/20/2024 20:17	WG2248521
Pyrene	U		0.00200	0.00600	1	03/20/2024 20:17	WG2248521
1-Methylnaphthalene	U		0.00449	0.0200	1	03/20/2024 20:17	WG2248521
2-Methylnaphthalene	U		0.00427	0.0200	1	03/20/2024 20:17	WG2248521
2-Chloronaphthalene	U		0.00466	0.0200	1	03/20/2024 20:17	WG2248521
(S) p-Terphenyl-d14	*96.7*			*23.0-120*		*03/20/2024 20:17*	WG2248521
(S) Nitrobenzene-d5	*104*			*14.0-149*		*03/20/2024 20:17*	WG2248521
(S) 2-Fluorobiphenyl	*84.6*			*34.0-125*		*03/20/2024 20:17*	WG2248521

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	03/21/2024 17:43	WG2251254
Acrolein	U	L1 R7	2.54	50.0	1	03/21/2024 17:43	WG2251254
Acrylonitrile	U		0.671	10.0	1	03/21/2024 17:43	WG2251254
Benzene	U		0.0941	1.00	1	03/21/2024 17:43	WG2251254
Bromobenzene	U		0.118	1.00	1	03/21/2024 17:43	WG2251254
Bromodichloromethane	U		0.136	1.00	1	03/21/2024 17:43	WG2251254
Bromoform	U		0.129	1.00	1	03/21/2024 17:43	WG2251254
Bromomethane	U		0.605	5.00	1	03/21/2024 17:43	WG2251254
1,3-Butadiene	U		0.299	2.00	1	03/21/2024 17:43	WG2251254
n-Butylbenzene	U		0.157	1.00	1	03/21/2024 17:43	WG2251254
sec-Butylbenzene	U		0.125	1.00	1	03/21/2024 17:43	WG2251254
tert-Butylbenzene	U		0.127	1.00	1	03/21/2024 17:43	WG2251254
Carbon tetrachloride	U		0.128	1.00	1	03/21/2024 17:43	WG2251254
Carbon disulfide	U		0.0962	1.00	1	03/21/2024 17:43	WG2251254
Chlorobenzene	U		0.116	1.00	1	03/21/2024 17:43	WG2251254
Chlorodibromomethane	U		0.140	1.00	1	03/21/2024 17:43	WG2251254
Chloroethane	U		0.192	5.00	1	03/21/2024 17:43	WG2251254
Chloroform	U		0.111	5.00	1	03/21/2024 17:43	WG2251254
Chloromethane	U		0.960	2.50	1	03/21/2024 17:43	WG2251254
Cyclohexane	U	R7	0.188	1.00	1	03/21/2024 17:43	WG2251254
2-Chlorotoluene	U		0.106	1.00	1	03/21/2024 17:43	WG2251254
4-Chlorotoluene	U		0.114	1.00	1	03/21/2024 17:43	WG2251254
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/21/2024 17:43	WG2251254
1,2-Dibromoethane	U		0.126	1.00	1	03/21/2024 17:43	WG2251254
Dibromomethane	U		0.122	1.00	1	03/21/2024 17:43	WG2251254
1,2-Dichlorobenzene	U		0.107	1.00	1	03/21/2024 17:43	WG2251254
1,3-Dichlorobenzene	U		0.110	1.00	1	03/21/2024 17:43	WG2251254
1,4-Dichlorobenzene	U		0.120	1.00	1	03/21/2024 17:43	WG2251254
Dichlorodifluoromethane	U		0.374	5.00	1	03/21/2024 17:43	WG2251254
1,1-Dichloroethane	U		0.100	1.00	1	03/21/2024 17:43	WG2251254
1,2-Dichloroethane	U		0.0819	1.00	1	03/21/2024 17:43	WG2251254
1,1-Dichloroethene	U		0.188	1.00	1	03/21/2024 17:43	WG2251254
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/21/2024 17:43	WG2251254
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/21/2024 17:43	WG2251254
1,2-Dichloropropane	U		0.149	1.00	1	03/21/2024 17:43	WG2251254
1,1-Dichloropropene	U		0.142	1.00	1	03/21/2024 17:43	WG2251254
1,3-Dichloropropane	U		0.110	1.00	1	03/21/2024 17:43	WG2251254
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/21/2024 17:43	WG2251254
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/21/2024 17:43	WG2251254
2,2-Dichloropropane	U	R7	0.161	1.00	1	03/21/2024 17:43	WG2251254
Dicyclopentadiene	U		0.253	1.00	1	03/21/2024 17:43	WG2251254
Di-isopropyl ether	U		0.105	1.00	1	03/21/2024 17:43	WG2251254
Ethylbenzene	U		0.137	1.00	1	03/21/2024 17:43	WG2251254
4-Ethyltoluene	U		0.208	1.00	1	03/21/2024 17:43	WG2251254
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/21/2024 17:43	WG2251254
n-Hexane	U		0.749	10.0	1	03/21/2024 17:43	WG2251254
Isopropylbenzene	U		0.105	1.00	1	03/21/2024 17:43	WG2251254
p-Isopropyltoluene	U		0.120	1.00	1	03/21/2024 17:43	WG2251254
2-Butanone (MEK)	U	R7	1.19	10.0	1	03/21/2024 17:43	WG2251254
Methyl Cyclohexane	U	L1	0.660	1.00	1	03/21/2024 17:43	WG2251254
Methylene Chloride	U		0.430	5.00	1	03/21/2024 17:43	WG2251254
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/21/2024 17:43	WG2251254
Methyl tert-butyl ether	U		0.101	1.00	1	03/21/2024 17:43	WG2251254
Naphthalene	U		1.00	5.00	1	03/21/2024 17:43	WG2251254
Propene	U		0.936	2.50	1	03/21/2024 17:43	WG2251254
n-Propylbenzene	U		0.0993	1.00	1	03/21/2024 17:43	WG2251254

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/21/2024 17:43	WG2251254
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/21/2024 17:43	WG2251254
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/21/2024 17:43	WG2251254
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/21/2024 17:43	WG2251254
Tetrachloroethene	U		0.300	1.00	1	03/21/2024 17:43	WG2251254
Toluene	U		0.278	1.00	1	03/21/2024 17:43	WG2251254
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/21/2024 17:43	WG2251254
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/21/2024 17:43	WG2251254
1,1,1-Trichloroethane	U		0.149	1.00	1	03/21/2024 17:43	WG2251254
1,1,2-Trichloroethane	U		0.158	1.00	1	03/21/2024 17:43	WG2251254
Trichloroethene	U		0.190	1.00	1	03/21/2024 17:43	WG2251254
Trichlorofluoromethane	U	R7	0.160	5.00	1	03/21/2024 17:43	WG2251254
1,2,3-Trichloropropane	U		0.237	2.50	1	03/21/2024 17:43	WG2251254
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/21/2024 17:43	WG2251254
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/21/2024 17:43	WG2251254
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/21/2024 17:43	WG2251254
Vinyl chloride	U		0.234	1.00	1	03/21/2024 17:43	WG2251254
Xylenes, Total	U		0.174	3.00	1	03/21/2024 17:43	WG2251254
(S) Toluene-d8	*103*			*80.0-120*		*03/21/2024 17:43*	WG2251254
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*03/21/2024 17:43*	WG2251254
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*03/21/2024 17:43*	WG2251254

Method Blank (MB)

(MB) R4048918-3 03/21/24 13:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4048918-3 03/21/24 13:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4048918-1 03/21/24 12:21 • (LCSD) R4048918-2 03/21/24 12:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	19.5	25.6	78.0	102	19.0-160		R7	27.1	27
Acrolein	25.0	22.5	45.3	90.0	181	30.0-160		L1 R7	67.3	26
Acrylonitrile	25.0	17.2	19.2	68.8	76.8	55.0-149			11.0	20
Benzene	5.00	5.01	5.26	100	105	70.0-123			4.87	20
Bromobenzene	5.00	4.88	5.48	97.6	110	73.0-121			11.6	20
Bromodichloromethane	5.00	5.36	5.48	107	110	75.0-120			2.21	20
Bromoform	5.00	4.73	4.89	94.6	97.8	68.0-132			3.33	20
Bromomethane	5.00	5.78	5.85	116	117	30.0-160			1.20	25
1,3-Butadiene	5.00	5.39	5.83	108	117	45.0-147			7.84	20
n-Butylbenzene	5.00	5.78	5.67	116	113	73.0-125			1.92	20
sec-Butylbenzene	5.00	5.55	5.54	111	111	75.0-125			0.180	20
tert-Butylbenzene	5.00	5.42	5.61	108	112	76.0-124			3.45	20
Carbon tetrachloride	5.00	5.63	5.57	113	111	68.0-126			1.07	20
Carbon disulfide	5.00	4.98	5.31	99.6	106	61.0-128			6.41	20
Chlorobenzene	5.00	5.04	5.35	101	107	80.0-121			5.97	20
Chlorodibromomethane	5.00	5.00	5.41	100	108	77.0-125			7.88	20
Chloroethane	5.00	5.96	5.95	119	119	47.0-150			0.168	20
Chloroform	5.00	5.06	5.19	101	104	73.0-120			2.54	20
Chloromethane	5.00	5.91	6.11	118	122	41.0-142			3.33	20
Cyclohexane	5.00	5.63	4.38	113	87.6	71.0-124		R7	25.0	20
2-Chlorotoluene	5.00	5.25	5.70	105	114	76.0-123			8.22	20
4-Chlorotoluene	5.00	5.10	5.44	102	109	75.0-122			6.45	20
1,2-Dibromo-3-Chloropropane	5.00	4.59	5.16	91.8	103	58.0-134			11.7	20
1,2-Dibromoethane	5.00	5.13	5.40	103	108	80.0-122			5.13	20
Dibromomethane	5.00	4.88	5.11	97.6	102	80.0-120			4.60	20
1,2-Dichlorobenzene	5.00	4.85	5.35	97.0	107	79.0-121			9.80	20
1,3-Dichlorobenzene	5.00	5.07	5.50	101	110	79.0-120			8.14	20
1,4-Dichlorobenzene	5.00	4.94	5.37	98.8	107	79.0-120			8.34	20
Dichlorodifluoromethane	5.00	6.24	6.12	125	122	51.0-149			1.94	20
1,1-Dichloroethane	5.00	4.75	5.30	95.0	106	70.0-126			10.9	20
1,2-Dichloroethane	5.00	5.07	5.28	101	106	70.0-128			4.06	20
1,1-Dichloroethene	5.00	5.39	5.12	108	102	71.0-124			5.14	20
cis-1,2-Dichloroethene	5.00	5.02	5.02	100	100	73.0-120			0.000	20
trans-1,2-Dichloroethene	5.00	5.60	5.81	112	116	73.0-120			3.68	20
1,2-Dichloropropane	5.00	5.12	5.25	102	105	77.0-125			2.51	20
1,1-Dichloropropene	5.00	6.00	5.39	120	108	74.0-126			10.7	20
1,3-Dichloropropane	5.00	5.00	5.21	100	104	80.0-120			4.11	20
cis-1,3-Dichloropropene	5.00	5.27	5.35	105	107	80.0-123			1.51	20
trans-1,3-Dichloropropene	5.00	5.09	5.18	102	104	78.0-124			1.75	20
2,2-Dichloropropane	5.00	5.43	4.20	109	84.0	58.0-130		R7	25.5	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4048918-1 03/21/24 12:21 • (LCSD) R4048918-2 03/21/24 12:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.63	5.74	113	115	74.0-126			1.93	20
Di-isopropyl ether	5.00	5.21	5.17	104	103	58.0-138			0.771	20
Ethylbenzene	5.00	5.40	5.50	108	110	79.0-123			1.83	20
4-Ethyltoluene	5.00	5.43	5.56	109	111	74.0-127			2.37	20
Hexachloro-1,3-butadiene	5.00	4.47	4.34	89.4	86.8	54.0-138			2.95	20
n-Hexane	5.00	5.40	5.14	108	103	57.0-133			4.93	20
Isopropylbenzene	5.00	5.74	5.62	115	112	76.0-127			2.11	20
p-Isopropyltoluene	5.00	5.64	5.73	113	115	76.0-125			1.58	20
2-Butanone (MEK)	25.0	24.7	30.4	98.8	122	44.0-160		R7	20.7	20
Methyl Cyclohexane	5.00	6.77	5.55	135	111	68.0-126	L1		19.8	20
Methylene Chloride	5.00	4.57	4.90	91.4	98.0	67.0-120			6.97	20
4-Methyl-2-pentanone (MIBK)	25.0	24.2	25.6	96.8	102	68.0-142			5.62	20
Methyl tert-butyl ether	5.00	4.48	5.22	89.6	104	68.0-125			15.3	20
Naphthalene	5.00	4.79	5.40	95.8	108	54.0-135			12.0	20
Propene	5.00	2.99	2.69	59.8	53.8	30.0-160			10.6	20
n-Propylbenzene	5.00	5.48	5.60	110	112	77.0-124			2.17	20
Styrene	5.00	5.16	5.22	103	104	73.0-130			1.16	20
1,1,1,2-Tetrachloroethane	5.00	5.06	5.39	101	108	75.0-125			6.32	20
1,1,2,2-Tetrachloroethane	5.00	4.35	4.98	87.0	99.6	65.0-130			13.5	20
1,1,2-Trichlorotrifluoroethane	5.00	4.62	4.65	92.4	93.0	69.0-132			0.647	20
Tetrachloroethene	5.00	5.54	5.58	111	112	72.0-132			0.719	20
Toluene	5.00	5.11	5.30	102	106	79.0-120			3.65	20
1,2,3-Trichlorobenzene	5.00	4.83	5.32	96.6	106	50.0-138			9.66	20
1,2,4-Trichlorobenzene	5.00	4.90	5.47	98.0	109	57.0-137			11.0	20
1,1,1-Trichloroethane	5.00	5.83	5.38	117	108	73.0-124			8.03	20
1,1,2-Trichloroethane	5.00	4.96	5.30	99.2	106	80.0-120			6.63	20
Trichloroethene	5.00	5.52	5.36	110	107	78.0-124			2.94	20
Trichlorofluoromethane	5.00	6.46	5.15	129	103	59.0-147		R7	22.6	20
1,2,3-Trichloropropane	5.00	4.55	5.12	91.0	102	73.0-130			11.8	20
1,2,4-Trimethylbenzene	5.00	5.47	5.83	109	117	76.0-121			6.37	20
1,2,3-Trimethylbenzene	5.00	5.32	5.47	106	109	77.0-120			2.78	20
1,3,5-Trimethylbenzene	5.00	5.33	5.63	107	113	76.0-122			5.47	20
Vinyl chloride	5.00	5.58	6.42	112	128	67.0-131			14.0	20
Xylenes, Total	15.0	16.4	16.5	109	110	79.0-123			0.608	20
(S) Toluene-d8				*102*	*99.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*100*	*99.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.7*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R4049906-3 03/22/24 15:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4049906-3 03/22/24 15:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*106*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049906-1 03/22/24 11:56 • (LCSD) R4049906-2 03/22/24 13:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.855	1.01	137	162	30.0-160		L1	16.6	31
Acrylonitrile	0.625	0.697	0.747	112	120	45.0-153			6.93	22
Benzene	0.125	0.114	0.122	91.2	97.6	70.0-123			6.78	20
Bromobenzene	0.125	0.111	0.119	88.8	95.2	73.0-121			6.96	20
Bromodichloromethane	0.125	0.131	0.142	105	114	73.0-121			8.06	20
Bromoform	0.125	0.121	0.130	96.8	104	64.0-132			7.17	20
Bromomethane	0.125	0.109	0.123	87.2	98.4	56.0-147			12.1	20
1,3-Butadiene	0.125	0.113	0.127	90.4	102	32.0-150			11.7	20
n-Butylbenzene	0.125	0.127	0.125	102	100	68.0-135			1.59	20
sec-Butylbenzene	0.125	0.121	0.122	96.8	97.6	74.0-130			0.823	20
tert-Butylbenzene	0.125	0.117	0.121	93.6	96.8	75.0-127			3.36	20
Carbon disulfide	0.125	0.103	0.112	82.4	89.6	56.0-133			8.37	20
Carbon tetrachloride	0.125	0.134	0.147	107	118	66.0-128			9.25	20
Chlorobenzene	0.125	0.109	0.115	87.2	92.0	76.0-128			5.36	20
Chlorodibromomethane	0.125	0.122	0.127	97.6	102	74.0-127			4.02	20
Chloroethane	0.125	0.113	0.122	90.4	97.6	61.0-134			7.66	20
Chloroform	0.125	0.114	0.134	91.2	107	72.0-123			16.1	20
Chloromethane	0.125	0.111	0.121	88.8	96.8	51.0-138			8.62	20
2-Chlorotoluene	0.125	0.111	0.118	88.8	94.4	75.0-124			6.11	20
4-Chlorotoluene	0.125	0.113	0.121	90.4	96.8	75.0-124			6.84	20
Cyclohexane	0.125	0.105	0.115	84.0	92.0	70.0-130			9.09	20
1,2-Dibromo-3-Chloropropane	0.125	0.109	0.120	87.2	96.0	59.0-130			9.61	20
1,2-Dibromoethane	0.125	0.120	0.132	96.0	106	74.0-128			9.52	20
Dibromomethane	0.125	0.131	0.146	105	117	75.0-122			10.8	20
1,2-Dichlorobenzene	0.125	0.117	0.122	93.6	97.6	76.0-124			4.18	20
1,3-Dichlorobenzene	0.125	0.118	0.121	94.4	96.8	76.0-125			2.51	20
1,4-Dichlorobenzene	0.125	0.114	0.121	91.2	96.8	77.0-121			5.96	20
Dichlorodifluoromethane	0.125	0.137	0.141	110	113	43.0-156			2.88	20
1,1-Dichloroethane	0.125	0.123	0.128	98.4	102	70.0-127			3.98	20
1,2-Dichloroethane	0.125	0.131	0.137	105	110	65.0-131			4.48	20
1,1-Dichloroethene	0.125	0.124	0.137	99.2	110	65.0-131			9.96	20
cis-1,2-Dichloroethene	0.125	0.117	0.122	93.6	97.6	73.0-125			4.18	20
trans-1,2-Dichloroethene	0.125	0.114	0.122	91.2	97.6	71.0-125			6.78	20
1,2-Dichloropropane	0.125	0.128	0.136	102	109	74.0-125			6.06	20
1,1-Dichloropropene	0.125	0.126	0.139	101	111	73.0-125			9.81	20
1,3-Dichloropropane	0.125	0.123	0.129	98.4	103	80.0-125			4.76	20
cis-1,3-Dichloropropene	0.125	0.135	0.145	108	116	76.0-127			7.14	20
trans-1,3-Dichloropropene	0.125	0.124	0.133	99.2	106	73.0-127			7.00	20
2,2-Dichloropropane	0.125	0.125	0.121	100	96.8	59.0-135			3.25	20
Dicyclopentadiene	0.125	0.122	0.123	97.6	98.4	71.0-132			0.816	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049906-1 03/22/24 11:56 • (LCSD) R4049906-2 03/22/24 13:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.129	0.142	103	114	60.0-136			9.59	20
Ethylbenzene	0.125	0.114	0.120	91.2	96.0	74.0-126			5.13	20
4-Ethyltoluene	0.125	0.117	0.121	93.6	96.8	71.0-129			3.36	20
Hexachloro-1,3-butadiene	0.125	0.160	0.134	128	107	57.0-150			17.7	20
n-Hexane	0.125	0.123	0.125	98.4	100	55.0-137			1.61	20
Isopropylbenzene	0.125	0.122	0.131	97.6	105	72.0-127			7.11	20
p-Isopropyltoluene	0.125	0.120	0.122	96.0	97.6	72.0-133			1.65	20
2-Butanone (MEK)	0.625	0.774	0.843	124	135	30.0-160			8.53	24
Methylene Chloride	0.125	0.120	0.129	96.0	103	68.0-123			7.23	20
4-Methyl-2-pentanone (MIBK)	0.625	0.651	0.718	104	115	56.0-143			9.79	20
Methyl tert-butyl ether	0.125	0.130	0.141	104	113	66.0-132			8.12	20
Methyl Cyclohexane	0.125	0.130	0.142	104	114	67.0-129			8.82	20
Naphthalene	0.125	0.115	0.123	92.0	98.4	59.0-130			6.72	20
Propene	0.125	0.0977	0.0932	78.2	74.6	30.0-160			4.71	20
n-Propylbenzene	0.125	0.111	0.117	88.8	93.6	74.0-126			5.26	20
Styrene	0.125	0.116	0.123	92.8	98.4	72.0-127			5.86	20
1,1,1,2-Tetrachloroethane	0.125	0.118	0.123	94.4	98.4	74.0-129			4.15	20
1,1,2,2-Tetrachloroethane	0.125	0.106	0.106	84.8	84.8	68.0-128			0.000	20
1,1,2-Trichlorotrifluoroethane	0.125	0.106	0.121	84.8	96.8	61.0-139			13.2	20
Tetrachloroethene	0.125	0.119	0.127	95.2	102	70.0-136			6.50	20
Toluene	0.125	0.108	0.114	86.4	91.2	75.0-121			5.41	20
1,2,3-Trichlorobenzene	0.125	0.156	0.152	125	122	59.0-139			2.60	20
1,2,4-Trichlorobenzene	0.125	0.142	0.144	114	115	62.0-137			1.40	20
1,1,1-Trichloroethane	0.125	0.132	0.143	106	114	69.0-126			8.00	20
1,1,2-Trichloroethane	0.125	0.124	0.132	99.2	106	78.0-123			6.25	20
Trichloroethene	0.125	0.129	0.145	103	116	76.0-126			11.7	20
Trichlorofluoromethane	0.125	0.122	0.133	97.6	106	61.0-142			8.63	20
1,2,3-Trichloropropane	0.125	0.113	0.123	90.4	98.4	67.0-129			8.47	20
1,2,4-Trimethylbenzene	0.125	0.117	0.119	93.6	95.2	70.0-126			1.69	20
1,2,3-Trimethylbenzene	0.125	0.117	0.120	93.6	96.0	74.0-124			2.53	20
1,3,5-Trimethylbenzene	0.125	0.110	0.113	88.0	90.4	73.0-127			2.69	20
Vinyl chloride	0.125	0.129	0.136	103	109	63.0-134			5.28	20
Xylenes, Total	0.375	0.345	0.372	92.0	99.2	72.0-127			7.53	20
(S) Toluene-d8				*97.1*	*94.4*	*75.0-131*				
(S) 4-Bromofluorobenzene				*107*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R4049472-3 03/22/24 23:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4049472-3 03/22/24 23:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.2*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049472-1 03/22/24 21:49 • (LCSD) R4049472-2 03/22/24 22:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.555	0.494	88.8	79.0	30.0-160			11.6	31
Acrylonitrile	0.625	0.625	0.756	100	121	45.0-153			19.0	22
Benzene	0.125	0.116	0.122	92.8	97.6	70.0-123			5.04	20
Bromobenzene	0.125	0.110	0.114	88.0	91.2	73.0-121			3.57	20
Bromodichloromethane	0.125	0.118	0.123	94.4	98.4	73.0-121			4.15	20
Bromoform	0.125	0.113	0.117	90.4	93.6	64.0-132			3.48	20
Bromomethane	0.125	0.108	0.115	86.4	92.0	56.0-147			6.28	20
1,3-Butadiene	0.125	0.107	0.117	85.6	93.6	32.0-150			8.93	20
n-Butylbenzene	0.125	0.111	0.123	88.8	98.4	68.0-135			10.3	20
sec-Butylbenzene	0.125	0.0879	0.0907	70.3	72.6	74.0-130	L2	L2	3.14	20
tert-Butylbenzene	0.125	0.0877	0.0919	70.2	73.5	75.0-127	L2	L2	4.68	20
Carbon disulfide	0.125	0.108	0.120	86.4	96.0	56.0-133			10.5	20
Carbon tetrachloride	0.125	0.115	0.124	92.0	99.2	66.0-128			7.53	20
Chlorobenzene	0.125	0.112	0.116	89.6	92.8	76.0-128			3.51	20
Chlorodibromomethane	0.125	0.115	0.119	92.0	95.2	74.0-127			3.42	20
Chloroethane	0.125	0.113	0.114	90.4	91.2	61.0-134			0.881	20
Chloroform	0.125	0.110	0.117	88.0	93.6	72.0-123			6.17	20
Chloromethane	0.125	0.109	0.119	87.2	95.2	51.0-138			8.77	20
2-Chlorotoluene	0.125	0.113	0.115	90.4	92.0	75.0-124			1.75	20
4-Chlorotoluene	0.125	0.111	0.119	88.8	95.2	75.0-124			6.96	20
Cyclohexane	0.125	0.101	0.109	80.8	87.2	70.0-130			7.62	20
1,2-Dibromo-3-Chloropropane	0.125	0.124	0.124	99.2	99.2	59.0-130			0.000	20
1,2-Dibromoethane	0.125	0.112	0.112	89.6	89.6	74.0-128			0.000	20
Dibromomethane	0.125	0.118	0.123	94.4	98.4	75.0-122			4.15	20
1,2-Dichlorobenzene	0.125	0.119	0.122	95.2	97.6	76.0-124			2.49	20
1,3-Dichlorobenzene	0.125	0.115	0.121	92.0	96.8	76.0-125			5.08	20
1,4-Dichlorobenzene	0.125	0.111	0.119	88.8	95.2	77.0-121			6.96	20
Dichlorodifluoromethane	0.125	0.108	0.102	86.4	81.6	43.0-156			5.71	20
1,1-Dichloroethane	0.125	0.119	0.126	95.2	101	70.0-127			5.71	20
1,2-Dichloroethane	0.125	0.106	0.113	84.8	90.4	65.0-131			6.39	20
1,1-Dichloroethene	0.125	0.116	0.120	92.8	96.0	65.0-131			3.39	20
cis-1,2-Dichloroethene	0.125	0.120	0.119	96.0	95.2	73.0-125			0.837	20
trans-1,2-Dichloroethene	0.125	0.109	0.117	87.2	93.6	71.0-125			7.08	20
1,2-Dichloropropane	0.125	0.118	0.125	94.4	100	74.0-125			5.76	20
1,1-Dichloropropene	0.125	0.115	0.125	92.0	100	73.0-125			8.33	20
1,3-Dichloropropane	0.125	0.116	0.120	92.8	96.0	80.0-125			3.39	20
cis-1,3-Dichloropropene	0.125	0.124	0.138	99.2	110	76.0-127			10.7	20
trans-1,3-Dichloropropene	0.125	0.106	0.115	84.8	92.0	73.0-127			8.14	20
2,2-Dichloropropane	0.125	0.109	0.122	87.2	97.6	59.0-135			11.3	20
Dicyclopentadiene	0.125	0.0798	0.0832	63.8	66.6	71.0-132	L2	L2	4.17	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049472-1 03/22/24 21:49 • (LCSD) R4049472-2 03/22/24 22:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.113	0.114	90.4	91.2	60.0-136			0.881	20
Ethylbenzene	0.125	0.115	0.119	92.0	95.2	74.0-126			3.42	20
4-Ethyltoluene	0.125	0.108	0.117	86.4	93.6	71.0-129			8.00	20
Hexachloro-1,3-butadiene	0.125	0.110	0.114	88.0	91.2	57.0-150			3.57	20
n-Hexane	0.125	0.0977	0.0959	78.2	76.7	55.0-137			1.86	20
Isopropylbenzene	0.125	0.113	0.117	90.4	93.6	72.0-127			3.48	20
p-Isopropyltoluene	0.125	0.0950	0.101	76.0	80.8	72.0-133			6.12	20
2-Butanone (MEK)	0.625	0.659	0.674	105	108	30.0-160			2.25	24
Methylene Chloride	0.125	0.112	0.120	89.6	96.0	68.0-123			6.90	20
4-Methyl-2-pentanone (MIBK)	0.625	0.630	0.645	101	103	56.0-143			2.35	20
Methyl tert-butyl ether	0.125	0.114	0.112	91.2	89.6	66.0-132			1.77	20
Methyl Cyclohexane	0.125	0.101	0.114	80.8	91.2	67.0-129			12.1	20
Naphthalene	0.125	0.119	0.121	95.2	96.8	59.0-130			1.67	20
Propene	0.125	0.0579	0.0559	46.3	44.7	30.0-160			3.51	20
n-Propylbenzene	0.125	0.111	0.121	88.8	96.8	74.0-126			8.62	20
Styrene	0.125	0.113	0.116	90.4	92.8	72.0-127			2.62	20
1,1,1,2-Tetrachloroethane	0.125	0.112	0.113	89.6	90.4	74.0-129			0.889	20
1,1,2,2-Tetrachloroethane	0.125	0.106	0.116	84.8	92.8	68.0-128			9.01	20
1,1,2-Trichlorotrifluoroethane	0.125	0.107	0.118	85.6	94.4	61.0-139			9.78	20
Tetrachloroethene	0.125	0.103	0.112	82.4	89.6	70.0-136			8.37	20
Toluene	0.125	0.105	0.111	84.0	88.8	75.0-121			5.56	20
1,2,3-Trichlorobenzene	0.125	0.114	0.123	91.2	98.4	59.0-139			7.59	20
1,2,4-Trichlorobenzene	0.125	0.111	0.120	88.8	96.0	62.0-137			7.79	20
1,1,1-Trichloroethane	0.125	0.118	0.123	94.4	98.4	69.0-126			4.15	20
1,1,2-Trichloroethane	0.125	0.111	0.117	88.8	93.6	78.0-123			5.26	20
Trichloroethene	0.125	0.113	0.112	90.4	89.6	76.0-126			0.889	20
Trichlorofluoromethane	0.125	0.113	0.129	90.4	103	61.0-142			13.2	20
1,2,3-Trichloropropane	0.125	0.120	0.123	96.0	98.4	67.0-129			2.47	20
1,2,4-Trimethylbenzene	0.125	0.117	0.122	93.6	97.6	70.0-126			4.18	20
1,2,3-Trimethylbenzene	0.125	0.121	0.129	96.8	103	74.0-124			6.40	20
1,3,5-Trimethylbenzene	0.125	0.115	0.122	92.0	97.6	73.0-127			5.91	20
Vinyl chloride	0.125	0.109	0.125	87.2	100	63.0-134			13.7	20
Xylenes, Total	0.375	0.337	0.352	89.9	93.9	72.0-127			4.35	20
(S) Toluene-d8				*98.3*	*96.3*	*75.0-131*				
(S) 4-Bromofluorobenzene				*101*	*101*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*105*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4050365-3 03/26/24 10:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4050365-3 03/26/24 10:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*99.1*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050365-1 03/26/24 09:10 • (LCSD) R4050365-2 03/26/24 09:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.591	0.808	94.6	129	30.0-160			31.0	31
Acrylonitrile	0.625	0.663	0.735	106	118	45.0-153			10.3	22
Benzene	0.125	0.127	0.132	102	106	70.0-123			3.86	20
Bromobenzene	0.125	0.123	0.126	98.4	101	73.0-121			2.41	20
Bromodichloromethane	0.125	0.143	0.151	114	121	73.0-121			5.44	20
Bromoform	0.125	0.128	0.139	102	111	64.0-132			8.24	20
Bromomethane	0.125	0.111	0.120	88.8	96.0	56.0-147			7.79	20
1,3-Butadiene	0.125	0.120	0.125	96.0	100	32.0-150			4.08	20
n-Butylbenzene	0.125	0.129	0.139	103	111	68.0-135			7.46	20
sec-Butylbenzene	0.125	0.124	0.129	99.2	103	74.0-130			3.95	20
tert-Butylbenzene	0.125	0.122	0.125	97.6	100	75.0-127			2.43	20
Carbon disulfide	0.125	0.108	0.115	86.4	92.0	56.0-133			6.28	20
Carbon tetrachloride	0.125	0.143	0.146	114	117	66.0-128			2.08	20
Chlorobenzene	0.125	0.121	0.131	96.8	105	76.0-128			7.94	20
Chlorodibromomethane	0.125	0.133	0.141	106	113	74.0-127			5.84	20
Chloroethane	0.125	0.120	0.121	96.0	96.8	61.0-134			0.830	20
Chloroform	0.125	0.135	0.137	108	110	72.0-123			1.47	20
Chloromethane	0.125	0.116	0.125	92.8	100	51.0-138			7.47	20
2-Chlorotoluene	0.125	0.126	0.134	101	107	75.0-124			6.15	20
4-Chlorotoluene	0.125	0.126	0.130	101	104	75.0-124			3.12	20
Cyclohexane	0.125	0.102	0.106	81.6	84.8	70.0-130			3.85	20
1,2-Dibromo-3-Chloropropane	0.125	0.114	0.126	91.2	101	59.0-130			10.0	20
1,2-Dibromoethane	0.125	0.131	0.139	105	111	74.0-128			5.93	20
Dibromomethane	0.125	0.141	0.146	113	117	75.0-122			3.48	20
1,2-Dichlorobenzene	0.125	0.129	0.136	103	109	76.0-124			5.28	20
1,3-Dichlorobenzene	0.125	0.128	0.134	102	107	76.0-125			4.58	20
1,4-Dichlorobenzene	0.125	0.126	0.133	101	106	77.0-121			5.41	20
Dichlorodifluoromethane	0.125	0.149	0.163	119	130	43.0-156			8.97	20
1,1-Dichloroethane	0.125	0.136	0.143	109	114	70.0-127			5.02	20
1,2-Dichloroethane	0.125	0.136	0.142	109	114	65.0-131			4.32	20
1,1-Dichloroethene	0.125	0.137	0.144	110	115	65.0-131			4.98	20
cis-1,2-Dichloroethene	0.125	0.132	0.135	106	108	73.0-125			2.25	20
trans-1,2-Dichloroethene	0.125	0.125	0.127	100	102	71.0-125			1.59	20
1,2-Dichloropropane	0.125	0.139	0.145	111	116	74.0-125			4.23	20
1,1-Dichloropropene	0.125	0.137	0.141	110	113	73.0-125			2.88	20
1,3-Dichloropropane	0.125	0.132	0.139	106	111	80.0-125			5.17	20
cis-1,3-Dichloropropene	0.125	0.145	0.149	116	119	76.0-127			2.72	20
trans-1,3-Dichloropropene	0.125	0.134	0.140	107	112	73.0-127			4.38	20
2,2-Dichloropropane	0.125	0.137	0.145	110	116	59.0-135			5.67	20
Dicyclopentadiene	0.125	0.127	0.132	102	106	71.0-132			3.86	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050365-1 03/26/24 09:10 • (LCSD) R4050365-2 03/26/24 09:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.151	0.152	121	122	60.0-136			0.660	20
Ethylbenzene	0.125	0.121	0.132	96.8	106	74.0-126			8.70	20
4-Ethyltoluene	0.125	0.126	0.133	101	106	71.0-129			5.41	20
Hexachloro-1,3-butadiene	0.125	0.135	0.144	108	115	57.0-150			6.45	20
n-Hexane	0.125	0.109	0.118	87.2	94.4	55.0-137			7.93	20
Isopropylbenzene	0.125	0.131	0.139	105	111	72.0-127			5.93	20
p-Isopropyltoluene	0.125	0.125	0.132	100	106	72.0-133			5.45	20
2-Butanone (MEK)	0.625	0.716	0.821	115	131	30.0-160			13.7	24
Methylene Chloride	0.125	0.128	0.133	102	106	68.0-123			3.83	20
4-Methyl-2-pentanone (MIBK)	0.625	0.694	0.748	111	120	56.0-143			7.49	20
Methyl tert-butyl ether	0.125	0.148	0.152	118	122	66.0-132			2.67	20
Methyl Cyclohexane	0.125	0.127	0.134	102	107	67.0-129			5.36	20
Naphthalene	0.125	0.118	0.128	94.4	102	59.0-130			8.13	20
Propene	0.125	0.145	0.158	116	126	30.0-160			8.58	20
n-Propylbenzene	0.125	0.121	0.126	96.8	101	74.0-126			4.05	20
Styrene	0.125	0.124	0.139	99.2	111	72.0-127			11.4	20
1,1,1,2-Tetrachloroethane	0.125	0.126	0.132	101	106	74.0-129			4.65	20
1,1,2,2-Tetrachloroethane	0.125	0.120	0.121	96.0	96.8	68.0-128			0.830	20
1,1,2-Trichlorotrifluoroethane	0.125	0.109	0.116	87.2	92.8	61.0-139			6.22	20
Tetrachloroethene	0.125	0.127	0.137	102	110	70.0-136			7.58	20
Toluene	0.125	0.117	0.128	93.6	102	75.0-121			8.98	20
1,2,3-Trichlorobenzene	0.125	0.146	0.160	117	128	59.0-139			9.15	20
1,2,4-Trichlorobenzene	0.125	0.147	0.155	118	124	62.0-137			5.30	20
1,1,1-Trichloroethane	0.125	0.142	0.143	114	114	69.0-126			0.702	20
1,1,2-Trichloroethane	0.125	0.135	0.144	108	115	78.0-123			6.45	20
Trichloroethene	0.125	0.137	0.144	110	115	76.0-126			4.98	20
Trichlorofluoromethane	0.125	0.117	0.122	93.6	97.6	61.0-142			4.18	20
1,2,3-Trichloropropane	0.125	0.120	0.125	96.0	100	67.0-129			4.08	20
1,2,4-Trimethylbenzene	0.125	0.125	0.132	100	106	70.0-126			5.45	20
1,2,3-Trimethylbenzene	0.125	0.125	0.130	100	104	74.0-124			3.92	20
1,3,5-Trimethylbenzene	0.125	0.123	0.126	98.4	101	73.0-127			2.41	20
Vinyl chloride	0.125	0.125	0.130	100	104	63.0-134			3.92	20
Xylenes, Total	0.375	0.376	0.409	100	109	72.0-127			8.41	20
(S) Toluene-d8				*95.3*	*98.2*	*75.0-131*				
(S) 4-Bromofluorobenzene				*102*	*106*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*101*	*101*	*70.0-130*				

Method Blank (MB)

(MB) R4048024-2 03/20/24 11:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*90.6*			*23.0-120*
(S) Nitrobenzene-d5	*102*			*14.0-149*
(S) 2-Fluorobiphenyl	*88.7*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4048024-1 03/20/24 11:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0631	78.9	50.0-126	
Acenaphthene	0.0800	0.0649	81.1	50.0-120	
Acenaphthylene	0.0800	0.0671	83.9	50.0-120	
Benzo(a)anthracene	0.0800	0.0681	85.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0547	68.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0655	81.9	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0613	76.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0612	76.5	49.0-125	
Chrysene	0.0800	0.0700	87.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0642	80.3	47.0-125	
Fluoranthene	0.0800	0.0752	94.0	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4048024-1 03/20/24 11:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0689	86.1	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0621	77.6	46.0-125	
Naphthalene	0.0800	0.0678	84.8	50.0-120	
Phenanthrene	0.0800	0.0686	85.8	47.0-120	
Pyrene	0.0800	0.0703	87.9	43.0-123	
1-Methylnaphthalene	0.0800	0.0762	95.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0740	92.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0671	83.9	50.0-120	
(S) p-Terphenyl-d14			*86.9*	*23.0-120*	
(S) Nitrobenzene-d5			*98.3*	*14.0-149*	
(S) 2-Fluorobiphenyl			*84.1*	*34.0-125*	

L1715505-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1715505-02 03/20/24 18:57 • (MS) R4048024-3 03/20/24 19:15 • (MSD) R4048024-4 03/20/24 19:33

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0780	0.0175	0.0619	0.0738	56.9	71.4	1	10.0-145			17.5	30
Acenaphthene	0.0780	0.00843	0.0623	0.0688	69.1	76.6	1	14.0-127			9.92	27
Acenaphthylene	0.0780	U	0.0658	0.0694	84.4	88.1	1	21.0-124			5.33	25
Benzo(a)anthracene	0.0780	0.0443	0.0735	0.112	37.4	85.9	1	10.0-139		R5	41.5	30
Benzo(a)pyrene	0.0780	0.0377	0.0689	0.111	40.0	93.0	1	10.0-141		R5	46.8	31
Benzo(b)fluoranthene	0.0780	0.0477	0.0672	0.119	25.0	90.5	1	10.0-140		R5	55.6	36
Benzo(g,h,i)perylene	0.0780	0.0239	0.0540	0.0853	38.6	77.9	1	10.0-140		R5	44.9	33
Benzo(k)fluoranthene	0.0780	0.0158	0.0596	0.0840	56.2	86.5	1	10.0-137		R5	34.0	31
Chrysene	0.0780	0.0434	0.0756	0.115	41.3	90.9	1	10.0-145		R5	41.3	30
Dibenz(a,h)anthracene	0.0780	0.00498	0.0543	0.0671	63.2	78.8	1	10.0-132			21.1	31
Fluoranthene	0.0780	0.140	0.0960	0.156	0.000	20.3	1	10.0-153	M2	R2	47.6	33
Fluorene	0.0780	0.00792	0.0630	0.0695	70.6	78.1	1	11.0-130			9.81	29
Indeno(1,2,3-cd)pyrene	0.0780	0.0261	0.0596	0.0941	42.9	86.3	1	10.0-137		R5	44.9	32
Naphthalene	0.0780	U	0.0676	0.0705	86.7	89.5	1	10.0-135			4.20	27
Phenanthrene	0.0780	0.103	0.0783	0.117	0.000	17.8	1	10.0-144	M2	R2	39.6	31
Pyrene	0.0780	0.0989	0.0811	0.129	0.000	38.2	1	10.0-148	M2	R2	45.6	35
1-Methylnaphthalene	0.0780	U	0.0737	0.0771	91.8	95.2	1	10.0-142			4.51	28
2-Methylnaphthalene	0.0780	U	0.0701	0.0756	87.2	93.3	1	10.0-137			7.55	28
2-Chloronaphthalene	0.0780	U	0.0627	0.0643	80.3	81.6	1	29.0-120			2.52	24
(S) p-Terphenyl-d14					*75.8*	*79.7*		*23.0-120*				
(S) Nitrobenzene-d5					*110*	*109*		*14.0-149*				
(S) 2-Fluorobiphenyl					*80.0*	*83.4*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS55 • File ID: 0323_02

03/22/24 21:49

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0323_02	511297.40	179085.30	233976.40
Upper Limit		1022595	358171	467953
Lower Limit		255649	89543	116988
LCS R4049472-1 WG2252102 1x	0323_02LCS	511297.40	179085.30	233976.40
LCSD R4049472-2 WG2252102 1x	0323_05	494204.20	177843.70	227322.10
BLANK R4049472-3 WG2252102 1x	0323_07	676777.20	205655.40	219739.80
L1715546-05 WG2252102 1x	0323_09	714075.10	228768.90	253191.20
L1715546-06 WG2252102 1x	0323_10	677141	209088.50	233154.30
L1715546-07 WG2252102 1x	0323_11	644916	199927.20	225444.50
L1715546-08 WG2252102 1x	0323_12	643335.80	201322.50	231403.80
L1715546-09 WG2252102 1x	0323_13	642934	203781.80	227272.70
L1715546-10 WG2252102 1x	0323_14	659508.50	200748.60	229172.20
L1715546-11 WG2252102 1x	0323_15	641969.80	196972.90	225819.90
L1715546-12 WG2252102 1x	0323_16	670390.90	202698.10	235800.80
L1715546-13 WG2252102 1x	0323_17	669710.20	218044.40	241858.20
L1715546-14 WG2252102 1x	0323_18	636355.20	200687	238973.90
L1715546-15 WG2252102 1x	0323_19	673286.20	205386.80	242187.10
L1715546-16 WG2252102 1.05x	0323_20	692435.30	216775.50	236917.80

Instrument: VOCMS56 • File ID: 0322_03

03/22/24 11:56

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0322_03	1372123	646758.60	537115.20
Upper Limit		2744246	1293517	1074230
Lower Limit		686062	323379	268558
LCS R4049906-1 WG2251620 1x	0322_03LCS	1372123	646758.60	537115.20
LCSD R4049906-2 WG2251620 1x	0322_04	1181222	565101	472208
BLANK R4049906-3 WG2251620 1x	0322_08	1167916	503426.80	416198.40
L1715546-01 WG2251620 1.08x	0322_26	1429156	621959.30	482628.80
L1715546-02 WG2251620 1x	0322_27	1456826	636490	517351.40
L1715546-03 WG2251620 1x	0322_28	1644497	710888.70	559337

INTERNAL STANDARD SUMMARY

Instrument: VOCMS56 • File ID: 0326_02

03/26/24 09:10

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0326_02	1262111	601962.40	479938.70
Upper Limit		2524222	1203925	959877
Lower Limit		631056	300981	239969
LCS R4050365-1 WG2254123 1x	0326_02LCSC	1262111	601962.40	479938.70
LCSD R4050365-2 WG2254123 1x	0326_03C	1269932	584821.40	487112
BLANK R4050365-3 WG2254123 1x	0326_07C	1277486	573626.60	462528
L1715546-05 WG2254123 1x	0326_13	1620416	753534.90	619371.30
L1715546-09 WG2254123 1x	0326_14	1359080	602026.90	447058.20
L1715546-04 WG2254123 40x	0326_19	1262331	569059.20	450173.80

INTERNAL STANDARD SUMMARY

Instrument: VOCMS53 • File ID: 0321_02

03/21/24 12:21

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0321_02	786185.10	388636.90	313326.90
Upper Limit		1572370	777274	626654
Lower Limit		393093	194318	156663
LCS R4048918-1 WG2251254 1x	0321_02LCS	786185.10	388636.90	313326.90
LCSD R4048918-2 WG2251254 1x	0321_03	846313.30	407001	307500
BLANK R4048918-3 WG2251254 1x	0321_07	858761.50	378530.20	265941.40
L1715546-17 WG2251254 1x	0321_16	717836.50	324161.40	213812

INTERNAL STANDARD SUMMARY

Instrument: BNAMS14 • File ID: 0320A_02

03/20/24 12:47

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0320A_02	31010	16780	32965	26858	24912
Upper Limit		62020	33560	65930	53716	49824
Lower Limit		15505	8390	16483	13429	12456
L1715546-16 WG2248521 1x	0320A_27	34237	18547	35110	28370	24755

Instrument: BNAMS25 • File ID: 0320_03

03/20/24 09:35

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0320_03	28927	16984	31996	28353	27362
Upper Limit		57854	33968	63992	56706	54724
Lower Limit		14464	8492	15998	14177	13681
LCS R4048024-1 WG2248521 1x	0320_07	29879	17427	32579	28427	26106
BLANK R4048024-2 WG2248521 1x	0320_08	30032	17455	32755	28256	25544
MS R4048024-3 WG2248521 1x	0320_33	28869	17197	32945	30297	31367
MSD R4048024-4 WG2248521 1x	0320_34	30841	18373	34740	32093	32464
L1715546-04 WG2248521 1x	0320_36	30727	17825	34123	31480	30720

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R2	RPD/RSD exceeded the laboratory acceptance limit.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S6	Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: **Chino Valley, AZ**

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project # 2705326

Collected by (print): **Parker Schroeder**

Site/Facility ID # **Circle K Store 2705326**

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM (8270C)	Hold PAH	Remarks	Sample # (lab only)
SB-3-80	G	SS	80	3/12/24	0904	2	X		✓		-01
SB-3-85	G	SS	85	3/12/24	0920	2	X		✓		-02
SB-3-90	G	SS	90	3/12/24	0956	2	X		✓		-03
SB-3-95	G	SS	95	3/12/24	1023	2	X	X			-04
SB-3-100	G	SS	100	3/12/24	1058	2	X		✓		-05
SB-3-105	G	SS	105	3/12/24	1133	2	X		✓		-06
SB-3-110	G	SS	110	3/12/24	1213	2	X		✓		-07
SB-3-115	G	SS	115	3/12/24	1250	2	X		✓		-08
SB-3-120	G	SS	120	3/12/24	1349	2	X		✓		-09
SB-3+125	G	SS	125	3/12/24	1425	2	X		✓		-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Hold PAH, except SB-3-95

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

	Date:	Time:
Relinquished by: (Signature)	3/13/24	1539
Relinquished by: (Signature)	3/14/24	1126
Relinquished by: (Signature)	3/14/24	1800

Received by: (Signature)
Received by: (Signature)
Received for lab by: (Signature) SMA Ei Daunt

Trip Blank Received: Yes / No
1
HCl / MeoH
TBR

Temp: DPA 2.3°C +0=2.3 Bottles Received: 32

Date: 3-15-24 Time: 800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

Chain of Custody Page 1 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L1715546
G008

Acctnum: ENCORETAZ
Template:
Prelogin:
TSR: Daphne Richards
PB:
Shipped Via:

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
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Email To: **shanda@encore-consulting.net**

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Phone: **(480) 258-1778**
Fax:

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Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # **Circle K Store 2705326**

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM (8270C)	Hold PAH	Remarks	Sample # (lab only)
SB-3-130	G	SS	130	3/12/24	1510	2	X		✓		-11
SB-3-135	G	SS	135	3/13/24	0822	2	X		✓		-12
SB-3-140	G	SS	140	3/13/24	0942	2	X		✓		-13
SB-3-145	G	SS	145	3/13/24	1047	2	X		✓		-14
SB-3-150	G	SS	150	3/13/24	1148	2	X		✓		-15
SB-3-155	G	SS	155	3/13/24	1447	2	X	X			-16
Trip Blanks	—	OT	—	—	—	1	X		✓		-17

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1715546

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Hold PAH, except SB-3-155

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Parker Schroeder	3/13/24	1539	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/14/24	1026	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3/14/24	1800	SNA Ei Dunn 17

Trip Blank Received: Yes / No
1
HCL / MeoH
TBR

Temp: DPA 9 °C Bottles Received: 32
2.3 +0 = 2.3

Date: 3-15-24 Time: 800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

March 05, 2024

EnCore Consulting, LLC.

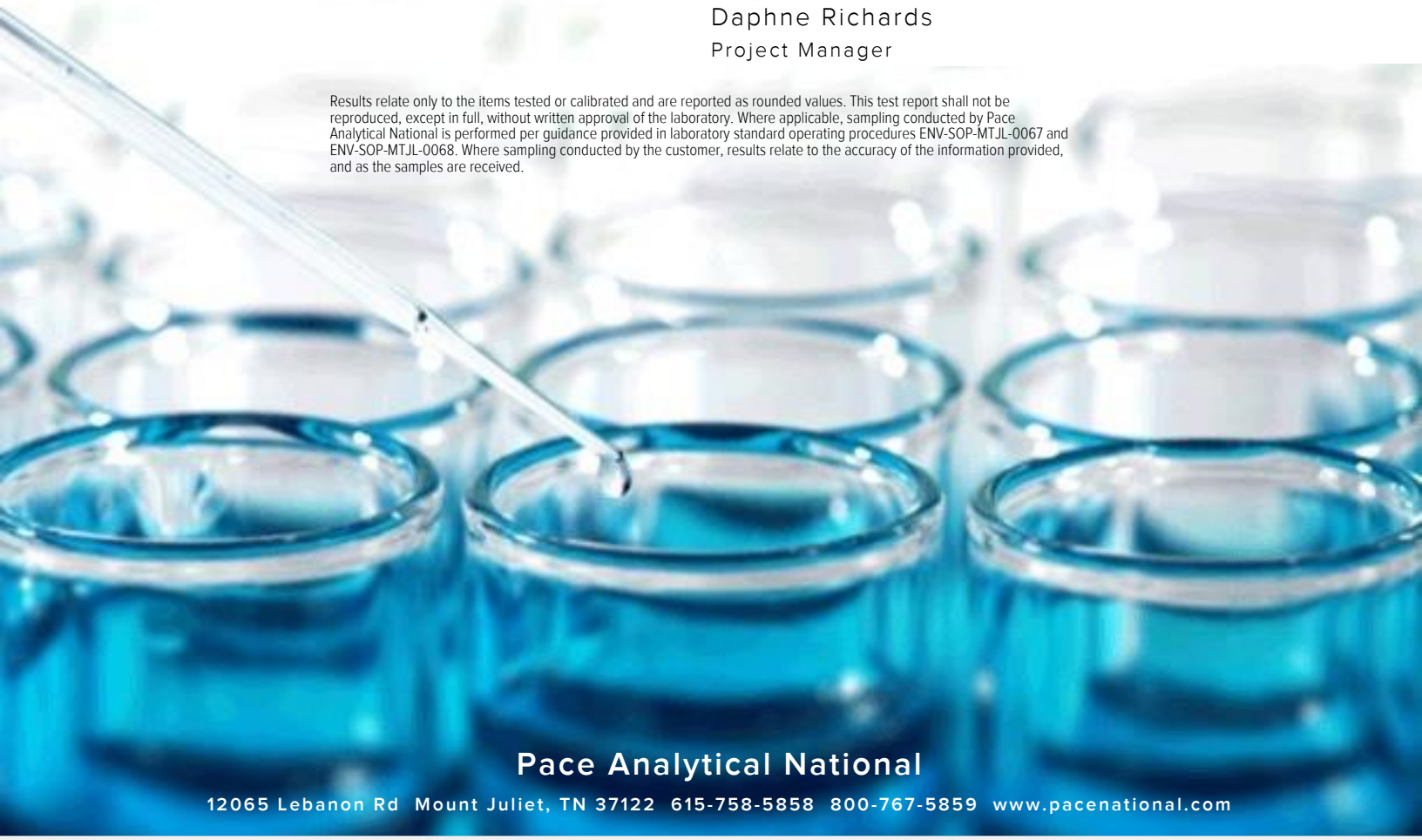
Sample Delivery Group:	L1709628
Samples Received:	02/27/2024
Project Number:	CK2705326-ISC
Description:	Cricle K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-4-5 L1709628-01 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 11:50 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236314	1	02/22/24 11:50	02/29/24 02:55	JHH	Mt. Juliet, TN

SB-4-10 L1709628-02 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 11:56 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236314	1	02/22/24 11:56	02/29/24 03:14	JHH	Mt. Juliet, TN

SB-4-15 L1709628-03 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:13 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236314	1	02/22/24 12:13	02/29/24 03:33	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2235492	1	02/28/24 10:38	02/29/24 00:20	MKM	Mt. Juliet, TN

SB-4-20 L1709628-04 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:22 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 12:22	02/28/24 21:15	DWR	Mt. Juliet, TN

SB-4-25 L1709628-05 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:45 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 12:45	02/28/24 21:35	DWR	Mt. Juliet, TN

SB-4-30 L1709628-06 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:58 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 12:58	02/28/24 21:55	DWR	Mt. Juliet, TN

SB-4-35 L1709628-07 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 13:08 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 13:08	02/28/24 22:15	DWR	Mt. Juliet, TN

SB-4-40 L1709628-08 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 13:30 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 13:30	02/28/24 22:35	DWR	Mt. Juliet, TN

SB-4-45 L1709628-09 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 13:47 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 13:47	02/28/24 22:55	DWR	Mt. Juliet, TN

SB-4-50 L1709628-10 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:02 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1.14	02/22/24 14:02	02/28/24 23:15	DWR	Mt. Juliet, TN

SB-4-55 L1709628-11 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:31 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 14:31	02/28/24 23:35	DWR	Mt. Juliet, TN

SB-4-60 L1709628-12 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:43 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 14:43	02/28/24 23:55	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2235492	1	02/28/24 10:38	02/29/24 00:37	MKM	Mt. Juliet, TN

SB-4-65 L1709628-13 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:54 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 14:54	02/29/24 00:15	DWR	Mt. Juliet, TN

SB-4-70 L1709628-14 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 15:15 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 15:15	02/29/24 00:35	DWR	Mt. Juliet, TN

SB-4-75 L1709628-15 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 07:49 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/23/24 07:49	02/29/24 00:55	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2235492	1	02/28/24 10:38	02/29/24 00:54	MKM	Mt. Juliet, TN

SB-4-80 L1709628-16 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 09:10 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/23/24 09:10	02/29/24 01:15	DWR	Mt. Juliet, TN

SB-4-85 L1709628-17 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 10:25 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 10:25	03/01/24 12:31	DWR	Mt. Juliet, TN

SB-4-90 L1709628-18 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 11:25 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 11:25	03/01/24 12:50	DWR	Mt. Juliet, TN

SB-4-95 L1709628-19 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 12:08 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 12:08	03/01/24 13:09	DWR	Mt. Juliet, TN

SB-4-100 L1709628-20 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 12:30 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 12:30	03/01/24 13:28	DWR	Mt. Juliet, TN

TRIP BLANK L1709628-21 GW

Collected by: Tony Baca | Collected date/time: 02/22/24 00:00 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237865	1	03/01/24 15:43	03/01/24 15:43	DWR	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1709628-01	SB-4-5	8260B
L1709628-02	SB-4-10	8260B
L1709628-03	SB-4-15	8260B
L1709628-04	SB-4-20	8260B
L1709628-05	SB-4-25	8260B
L1709628-06	SB-4-30	8260B
L1709628-07	SB-4-35	8260B
L1709628-08	SB-4-40	8260B
L1709628-09	SB-4-45	8260B
L1709628-10	SB-4-50	8260B
L1709628-11	SB-4-55	8260B
L1709628-12	SB-4-60	8260B
L1709628-13	SB-4-65	8260B
L1709628-14	SB-4-70	8260B
L1709628-15	SB-4-75	8260B
L1709628-16	SB-4-80	8260B
L1709628-17	SB-4-85	8260B
L1709628-18	SB-4-90	8260B
L1709628-19	SB-4-95	8260B
L1709628-20	SB-4-100	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 02:55	WG2236314
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 02:55	WG2236314
Benzene	U		0.0117	0.0250	1	02/29/2024 02:55	WG2236314
Bromobenzene	U		0.0225	0.313	1	02/29/2024 02:55	WG2236314
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 02:55	WG2236314
Bromoform	U		0.0293	0.625	1	02/29/2024 02:55	WG2236314
Bromomethane	U		0.0493	0.313	1	02/29/2024 02:55	WG2236314
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 02:55	WG2236314
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 02:55	WG2236314
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 02:55	WG2236314
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 02:55	WG2236314
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 02:55	WG2236314
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 02:55	WG2236314
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 02:55	WG2236314
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 02:55	WG2236314
Chloroethane	U		0.0425	0.125	1	02/29/2024 02:55	WG2236314
Chloroform	U		0.0258	0.0625	1	02/29/2024 02:55	WG2236314
Chloromethane	U		0.109	0.313	1	02/29/2024 02:55	WG2236314
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 02:55	WG2236314
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 02:55	WG2236314
Cyclohexane	U	R7	0.0278	0.0625	1	02/29/2024 02:55	WG2236314
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 02:55	WG2236314
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 02:55	WG2236314
Dibromomethane	U		0.0188	0.125	1	02/29/2024 02:55	WG2236314
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 02:55	WG2236314
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 02:55	WG2236314
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 02:55	WG2236314
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 02:55	WG2236314
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 02:55	WG2236314
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 02:55	WG2236314
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 02:55	WG2236314
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 02:55	WG2236314
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 02:55	WG2236314
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 02:55	WG2236314
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 02:55	WG2236314
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 02:55	WG2236314
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 02:55	WG2236314
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 02:55	WG2236314
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 02:55	WG2236314
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 02:55	WG2236314
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 02:55	WG2236314
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 02:55	WG2236314
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 02:55	WG2236314
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 02:55	WG2236314
n-Hexane	U		0.0565	0.125	1	02/29/2024 02:55	WG2236314
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 02:55	WG2236314
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 02:55	WG2236314
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 02:55	WG2236314
Methylene Chloride	U		0.166	0.625	1	02/29/2024 02:55	WG2236314
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 02:55	WG2236314
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 02:55	WG2236314
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 02:55	WG2236314
Naphthalene	U		0.122	0.313	1	02/29/2024 02:55	WG2236314
Propene	U		0.153	1.25	1	02/29/2024 02:55	WG2236314
n-Propylbenzene	U		0.0238	0.125	1	02/29/2024 02:55	WG2236314
Styrene	U		0.00573	0.313	1	02/29/2024 02:55	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 02:55	WG2236314
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 02:55	WG2236314
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 02:55	WG2236314
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 02:55	WG2236314
Toluene	U		0.0325	0.125	1	02/29/2024 02:55	WG2236314
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 02:55	WG2236314
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 02:55	WG2236314
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 02:55	WG2236314
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 02:55	WG2236314
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 02:55	WG2236314
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 02:55	WG2236314
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 02:55	WG2236314
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 02:55	WG2236314
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 02:55	WG2236314
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 02:55	WG2236314
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 02:55	WG2236314
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 02:55	WG2236314
(S) Toluene-d8	*105*			*75.0-131*		*02/29/2024 02:55*	WG2236314
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*		*02/29/2024 02:55*	WG2236314
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*02/29/2024 02:55*	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 03:14	WG2236314
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 03:14	WG2236314
Benzene	U		0.0117	0.0250	1	02/29/2024 03:14	WG2236314
Bromobenzene	U		0.0225	0.313	1	02/29/2024 03:14	WG2236314
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 03:14	WG2236314
Bromoform	U		0.0293	0.625	1	02/29/2024 03:14	WG2236314
Bromomethane	U		0.0493	0.313	1	02/29/2024 03:14	WG2236314
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 03:14	WG2236314
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 03:14	WG2236314
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 03:14	WG2236314
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 03:14	WG2236314
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 03:14	WG2236314
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 03:14	WG2236314
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 03:14	WG2236314
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 03:14	WG2236314
Chloroethane	U		0.0425	0.125	1	02/29/2024 03:14	WG2236314
Chloroform	U		0.0258	0.0625	1	02/29/2024 03:14	WG2236314
Chloromethane	U		0.109	0.313	1	02/29/2024 03:14	WG2236314
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 03:14	WG2236314
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 03:14	WG2236314
Cyclohexane	U	R7	0.0278	0.0625	1	02/29/2024 03:14	WG2236314
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 03:14	WG2236314
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 03:14	WG2236314
Dibromomethane	U		0.0188	0.125	1	02/29/2024 03:14	WG2236314
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 03:14	WG2236314
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 03:14	WG2236314
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 03:14	WG2236314
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 03:14	WG2236314
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 03:14	WG2236314
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 03:14	WG2236314
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 03:14	WG2236314
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 03:14	WG2236314
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 03:14	WG2236314
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 03:14	WG2236314
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 03:14	WG2236314
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 03:14	WG2236314
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 03:14	WG2236314
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 03:14	WG2236314
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 03:14	WG2236314
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 03:14	WG2236314
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 03:14	WG2236314
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 03:14	WG2236314
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 03:14	WG2236314
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 03:14	WG2236314
n-Hexane	U		0.0565	0.125	1	02/29/2024 03:14	WG2236314
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 03:14	WG2236314
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 03:14	WG2236314
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 03:14	WG2236314
Methylene Chloride	U		0.166	0.625	1	02/29/2024 03:14	WG2236314
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 03:14	WG2236314
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 03:14	WG2236314
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 03:14	WG2236314
Naphthalene	U		0.122	0.313	1	02/29/2024 03:14	WG2236314
Propene	U		0.153	1.25	1	02/29/2024 03:14	WG2236314
n-Propylbenzene	U		0.0238	0.125	1	02/29/2024 03:14	WG2236314
Styrene	U		0.00573	0.313	1	02/29/2024 03:14	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 03:14	WG2236314
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 03:14	WG2236314
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 03:14	WG2236314
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 03:14	WG2236314
Toluene	U		0.0325	0.125	1	02/29/2024 03:14	WG2236314
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 03:14	WG2236314
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 03:14	WG2236314
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 03:14	WG2236314
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 03:14	WG2236314
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 03:14	WG2236314
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 03:14	WG2236314
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 03:14	WG2236314
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:14	WG2236314
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:14	WG2236314
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 03:14	WG2236314
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 03:14	WG2236314
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 03:14	WG2236314
(S) Toluene-d8	*105*			*75.0-131*		*02/29/2024 03:14*	WG2236314
(S) 4-Bromofluorobenzene	*95.7*			*67.0-138*		*02/29/2024 03:14*	WG2236314
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*02/29/2024 03:14*	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 03:33	WG2236314
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 03:33	WG2236314
Benzene	U		0.0117	0.0250	1	02/29/2024 03:33	WG2236314
Bromobenzene	U		0.0225	0.313	1	02/29/2024 03:33	WG2236314
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 03:33	WG2236314
Bromoform	U		0.0293	0.625	1	02/29/2024 03:33	WG2236314
Bromomethane	U		0.0493	0.313	1	02/29/2024 03:33	WG2236314
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 03:33	WG2236314
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 03:33	WG2236314
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 03:33	WG2236314
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 03:33	WG2236314
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 03:33	WG2236314
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 03:33	WG2236314
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 03:33	WG2236314
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 03:33	WG2236314
Chloroethane	U		0.0425	0.125	1	02/29/2024 03:33	WG2236314
Chloroform	U		0.0258	0.0625	1	02/29/2024 03:33	WG2236314
Chloromethane	U		0.109	0.313	1	02/29/2024 03:33	WG2236314
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 03:33	WG2236314
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 03:33	WG2236314
Cyclohexane	U	R7	0.0278	0.0625	1	02/29/2024 03:33	WG2236314
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 03:33	WG2236314
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 03:33	WG2236314
Dibromomethane	U		0.0188	0.125	1	02/29/2024 03:33	WG2236314
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 03:33	WG2236314
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 03:33	WG2236314
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 03:33	WG2236314
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 03:33	WG2236314
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 03:33	WG2236314
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 03:33	WG2236314
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 03:33	WG2236314
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 03:33	WG2236314
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 03:33	WG2236314
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 03:33	WG2236314
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 03:33	WG2236314
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 03:33	WG2236314
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 03:33	WG2236314
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 03:33	WG2236314
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 03:33	WG2236314
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 03:33	WG2236314
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 03:33	WG2236314
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 03:33	WG2236314
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 03:33	WG2236314
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 03:33	WG2236314
n-Hexane	U		0.0565	0.125	1	02/29/2024 03:33	WG2236314
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 03:33	WG2236314
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 03:33	WG2236314
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 03:33	WG2236314
Methylene Chloride	U		0.166	0.625	1	02/29/2024 03:33	WG2236314
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 03:33	WG2236314
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 03:33	WG2236314
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 03:33	WG2236314
Naphthalene	U		0.122	0.313	1	02/29/2024 03:33	WG2236314
Propene	U		0.153	1.25	1	02/29/2024 03:33	WG2236314
n-Propylbenzene	U		0.0238	0.125	1	02/29/2024 03:33	WG2236314
Styrene	U		0.00573	0.313	1	02/29/2024 03:33	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 03:33	WG2236314
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 03:33	WG2236314
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 03:33	WG2236314
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 03:33	WG2236314
Toluene	U		0.0325	0.125	1	02/29/2024 03:33	WG2236314
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 03:33	WG2236314
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 03:33	WG2236314
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 03:33	WG2236314
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 03:33	WG2236314
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 03:33	WG2236314
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 03:33	WG2236314
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 03:33	WG2236314
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:33	WG2236314
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:33	WG2236314
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 03:33	WG2236314
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 03:33	WG2236314
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 03:33	WG2236314
(S) Toluene-d8	*104*			*75.0-131*		*02/29/2024 03:33*	WG2236314
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*		*02/29/2024 03:33*	WG2236314
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*02/29/2024 03:33*	WG2236314

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/29/2024 00:20	WG2235492
Acenaphthene	U		0.00209	0.00600	1	02/29/2024 00:20	WG2235492
Acenaphthylene	U		0.00216	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(a)anthracene	U		0.00173	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(a)pyrene	U		0.00179	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/29/2024 00:20	WG2235492
Chrysene	U		0.00232	0.00600	1	02/29/2024 00:20	WG2235492
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/29/2024 00:20	WG2235492
Fluoranthene	U		0.00227	0.00600	1	02/29/2024 00:20	WG2235492
Fluorene	U		0.00205	0.00600	1	02/29/2024 00:20	WG2235492
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/29/2024 00:20	WG2235492
Naphthalene	U		0.00408	0.0200	1	02/29/2024 00:20	WG2235492
Phenanthrene	U		0.00231	0.00600	1	02/29/2024 00:20	WG2235492
Pyrene	U		0.00200	0.00600	1	02/29/2024 00:20	WG2235492
1-Methylnaphthalene	U		0.00449	0.0200	1	02/29/2024 00:20	WG2235492
2-Methylnaphthalene	U		0.00427	0.0200	1	02/29/2024 00:20	WG2235492
2-Chloronaphthalene	U		0.00466	0.0200	1	02/29/2024 00:20	WG2235492
(S) p-Terphenyl-d14	*79.3*			*23.0-120*		*02/29/2024 00:20*	WG2235492
(S) Nitrobenzene-d5	*86.5*			*14.0-149*		*02/29/2024 00:20*	WG2235492
(S) 2-Fluorobiphenyl	*66.4*			*34.0-125*		*02/29/2024 00:20*	WG2235492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 21:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 21:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 21:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 21:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 21:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 21:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 21:15	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 21:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 21:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 21:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 21:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 21:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 21:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 21:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 21:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 21:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 21:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 21:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 21:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 21:15	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 21:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 21:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 21:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 21:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 21:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 21:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 21:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 21:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 21:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 21:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 21:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 21:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 21:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 21:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 21:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 21:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 21:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 21:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 21:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 21:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 21:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 21:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 21:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 21:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 21:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 21:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 21:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 21:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 21:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 21:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 21:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 21:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 21:15	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 21:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 21:15	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 21:15	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 21:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 21:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 21:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 21:15	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 21:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 21:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 21:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 21:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 21:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 21:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 21:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 21:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 21:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 21:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 21:15	WG2236339
(S) Toluene-d8	*106*			*75.0-131*		*02/28/2024 21:15*	WG2236339
(S) 4-Bromofluorobenzene	*92.2*			*67.0-138*		*02/28/2024 21:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*88.2*			*70.0-130*		*02/28/2024 21:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 21:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 21:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 21:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 21:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 21:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 21:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 21:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 21:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 21:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 21:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 21:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 21:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 21:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 21:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 21:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 21:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 21:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 21:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 21:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 21:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 21:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 21:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 21:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 21:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 21:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 21:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 21:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 21:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 21:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 21:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 21:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 21:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 21:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 21:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 21:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 21:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 21:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 21:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 21:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 21:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 21:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 21:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 21:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 21:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 21:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 21:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 21:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 21:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 21:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 21:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 21:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 21:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 21:35	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 21:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 21:35	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 21:35	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 21:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 21:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 21:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 21:35	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 21:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 21:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 21:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 21:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 21:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 21:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 21:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 21:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 21:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 21:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 21:35	WG2236339
(S) Toluene-d8	*121*			*75.0-131*		*02/28/2024 21:35*	WG2236339
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/28/2024 21:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*		*02/28/2024 21:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 21:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 21:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 21:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 21:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 21:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 21:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 21:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 21:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 21:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 21:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 21:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 21:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 21:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 21:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 21:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 21:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 21:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 21:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 21:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 21:55	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 21:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 21:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 21:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 21:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 21:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 21:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 21:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 21:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 21:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 21:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 21:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 21:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 21:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 21:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 21:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 21:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 21:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 21:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 21:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 21:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 21:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 21:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 21:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 21:55	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 21:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 21:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 21:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 21:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 21:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 21:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 21:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 21:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 21:55	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 21:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 21:55	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 21:55	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 21:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 21:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 21:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 21:55	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 21:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 21:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 21:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 21:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 21:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 21:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 21:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 21:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 21:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 21:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 21:55	WG2236339
(S) Toluene-d8	*117*			*75.0-131*		*02/28/2024 21:55*	WG2236339
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*02/28/2024 21:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.4*			*70.0-130*		*02/28/2024 21:55*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 22:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 22:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 22:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 22:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 22:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 22:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 22:15	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 22:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 22:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 22:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 22:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 22:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 22:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 22:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 22:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 22:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 22:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 22:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 22:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 22:15	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 22:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 22:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 22:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 22:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 22:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 22:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 22:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 22:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 22:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 22:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 22:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 22:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 22:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 22:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 22:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 22:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 22:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 22:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 22:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 22:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 22:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 22:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 22:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 22:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 22:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 22:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 22:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 22:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 22:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 22:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 22:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 22:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 22:15	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 22:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 22:15	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 22:15	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 22:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 22:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 22:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 22:15	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 22:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 22:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 22:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 22:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 22:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 22:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 22:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 22:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 22:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 22:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 22:15	WG2236339
(S) Toluene-d8	*114*			*75.0-131*		*02/28/2024 22:15*	WG2236339
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*02/28/2024 22:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*89.7*			*70.0-130*		*02/28/2024 22:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 22:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 22:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 22:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 22:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 22:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 22:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 22:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 22:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 22:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 22:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 22:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 22:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 22:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 22:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 22:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 22:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 22:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 22:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 22:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 22:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 22:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 22:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 22:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 22:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 22:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 22:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 22:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 22:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 22:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 22:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 22:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 22:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 22:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 22:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 22:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 22:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 22:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 22:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 22:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 22:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 22:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 22:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 22:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 22:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 22:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 22:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 22:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 22:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 22:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 22:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 22:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 22:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 22:35	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 22:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 22:35	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 22:35	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 22:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 22:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 22:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 22:35	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 22:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 22:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 22:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 22:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 22:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 22:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 22:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 22:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 22:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 22:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 22:35	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/28/2024 22:35*	WG2236339
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*02/28/2024 22:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.3*			*70.0-130*		*02/28/2024 22:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 22:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 22:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 22:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 22:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 22:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 22:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 22:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 22:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 22:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 22:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 22:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 22:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 22:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 22:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 22:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 22:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 22:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 22:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 22:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 22:55	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 22:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 22:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 22:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 22:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 22:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 22:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 22:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 22:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 22:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 22:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 22:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 22:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 22:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 22:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 22:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 22:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 22:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 22:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 22:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 22:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 22:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 22:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 22:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 22:55	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 22:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 22:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 22:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 22:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 22:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 22:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 22:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 22:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 22:55	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 22:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 22:55	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 22:55	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 22:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 22:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 22:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 22:55	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 22:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 22:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 22:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 22:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 22:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 22:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 22:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 22:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 22:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 22:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 22:55	WG2236339
(S) Toluene-d8	*110*			*75.0-131*		*02/28/2024 22:55*	WG2236339
(S) 4-Bromofluorobenzene	*93.2*			*67.0-138*		*02/28/2024 22:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.2*			*70.0-130*		*02/28/2024 22:55*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.04	1.43	1.14	02/28/2024 23:15	WG2236339
Acrylonitrile	U		0.103	0.356	1.14	02/28/2024 23:15	WG2236339
Benzene	U		0.0133	0.0285	1.14	02/28/2024 23:15	WG2236339
Bromobenzene	U		0.0257	0.356	1.14	02/28/2024 23:15	WG2236339
Bromodichloromethane	U		0.0207	0.0713	1.14	02/28/2024 23:15	WG2236339
Bromoform	U		0.0333	0.713	1.14	02/28/2024 23:15	WG2236339
Bromomethane	U		0.0561	0.356	1.14	02/28/2024 23:15	WG2236339
1,3-Butadiene	U		0.146	0.713	1.14	02/28/2024 23:15	WG2236339
n-Butylbenzene	U		0.150	0.356	1.14	02/28/2024 23:15	WG2236339
sec-Butylbenzene	U		0.0821	0.356	1.14	02/28/2024 23:15	WG2236339
tert-Butylbenzene	U		0.0556	0.143	1.14	02/28/2024 23:15	WG2236339
Carbon disulfide	U		0.0200	0.356	1.14	02/28/2024 23:15	WG2236339
Carbon tetrachloride	U		0.0256	0.143	1.14	02/28/2024 23:15	WG2236339
Chlorobenzene	U		0.00599	0.0713	1.14	02/28/2024 23:15	WG2236339
Chlorodibromomethane	U		0.0174	0.0713	1.14	02/28/2024 23:15	WG2236339
Chloroethane	U		0.0485	0.143	1.14	02/28/2024 23:15	WG2236339
Chloroform	U		0.0294	0.0713	1.14	02/28/2024 23:15	WG2236339
Chloromethane	U		0.124	0.356	1.14	02/28/2024 23:15	WG2236339
2-Chlorotoluene	U		0.0247	0.0713	1.14	02/28/2024 23:15	WG2236339
4-Chlorotoluene	U		0.0128	0.143	1.14	02/28/2024 23:15	WG2236339
Cyclohexane	U		0.0316	0.0713	1.14	02/28/2024 23:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.111	0.713	1.14	02/28/2024 23:15	WG2236339
1,2-Dibromoethane	U		0.0185	0.0713	1.14	02/28/2024 23:15	WG2236339
Dibromomethane	U		0.0214	0.143	1.14	02/28/2024 23:15	WG2236339
1,2-Dichlorobenzene	U		0.0121	0.143	1.14	02/28/2024 23:15	WG2236339
1,3-Dichlorobenzene	U		0.0171	0.143	1.14	02/28/2024 23:15	WG2236339
1,4-Dichlorobenzene	U		0.0200	0.143	1.14	02/28/2024 23:15	WG2236339
Dichlorodifluoromethane	U		0.0459	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1-Dichloroethane	U		0.0140	0.0713	1.14	02/28/2024 23:15	WG2236339
1,2-Dichloroethane	U		0.0185	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1-Dichloroethene	U		0.0173	0.0713	1.14	02/28/2024 23:15	WG2236339
cis-1,2-Dichloroethene	U		0.0209	0.0713	1.14	02/28/2024 23:15	WG2236339
trans-1,2-Dichloroethene	U		0.0296	0.143	1.14	02/28/2024 23:15	WG2236339
1,2-Dichloropropane	U		0.0405	0.143	1.14	02/28/2024 23:15	WG2236339
1,1-Dichloropropene	U		0.0231	0.0713	1.14	02/28/2024 23:15	WG2236339
1,3-Dichloropropane	U		0.0143	0.143	1.14	02/28/2024 23:15	WG2236339
cis-1,3-Dichloropropene	U		0.0216	0.0713	1.14	02/28/2024 23:15	WG2236339
trans-1,3-Dichloropropene	U		0.0325	0.143	1.14	02/28/2024 23:15	WG2236339
2,2-Dichloropropane	U		0.0393	0.0713	1.14	02/28/2024 23:15	WG2236339
Dicyclopentadiene	U		0.0470	0.356	1.14	02/28/2024 23:15	WG2236339
Di-isopropyl ether	U		0.0117	0.0285	1.14	02/28/2024 23:15	WG2236339
Ethylbenzene	U		0.0210	0.0713	1.14	02/28/2024 23:15	WG2236339
4-Ethyltoluene	U		0.0661	0.143	1.14	02/28/2024 23:15	WG2236339
Hexachloro-1,3-butadiene	U		0.171	0.713	1.14	02/28/2024 23:15	WG2236339
n-Hexane	U		0.0644	0.143	1.14	02/28/2024 23:15	WG2236339
Isopropylbenzene	U		0.0121	0.0713	1.14	02/28/2024 23:15	WG2236339
p-Isopropyltoluene	U		0.0727	0.143	1.14	02/28/2024 23:15	WG2236339
2-Butanone (MEK)	U		1.81	2.85	1.14	02/28/2024 23:15	WG2236339
Methylene Chloride	U		0.189	0.713	1.14	02/28/2024 23:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0650	0.713	1.14	02/28/2024 23:15	WG2236339
Methyl tert-butyl ether	U		0.00998	0.0285	1.14	02/28/2024 23:15	WG2236339
Methyl Cyclohexane	U		0.0587	0.143	1.14	02/28/2024 23:15	WG2236339
Naphthalene	U		0.139	0.356	1.14	02/28/2024 23:15	WG2236339
Propene	U		0.174	1.43	1.14	02/28/2024 23:15	WG2236339
n-Propylbenzene	U	L1	0.0271	0.143	1.14	02/28/2024 23:15	WG2236339
Styrene	U		0.00653	0.356	1.14	02/28/2024 23:15	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0270	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0198	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0215	0.0713	1.14	02/28/2024 23:15	WG2236339
Tetrachloroethene	U		0.0255	0.0713	1.14	02/28/2024 23:15	WG2236339
Toluene	U		0.0371	0.143	1.14	02/28/2024 23:15	WG2236339
1,2,3-Trichlorobenzene	U		0.209	0.356	1.14	02/28/2024 23:15	WG2236339
1,2,4-Trichlorobenzene	U		0.125	0.356	1.14	02/28/2024 23:15	WG2236339
1,1,1-Trichloroethane	U		0.0263	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1,2-Trichloroethane	U		0.0170	0.0713	1.14	02/28/2024 23:15	WG2236339
Trichloroethene	U		0.0166	0.0285	1.14	02/28/2024 23:15	WG2236339
Trichlorofluoromethane	U		0.0236	0.0713	1.14	02/28/2024 23:15	WG2236339
1,2,3-Trichloropropane	U		0.0462	0.356	1.14	02/28/2024 23:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0450	0.143	1.14	02/28/2024 23:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0450	0.143	1.14	02/28/2024 23:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0570	0.143	1.14	02/28/2024 23:15	WG2236339
Vinyl chloride	U		0.0331	0.0713	1.14	02/28/2024 23:15	WG2236339
Xylenes, Total	U		0.0251	0.185	1.14	02/28/2024 23:15	WG2236339
(S) Toluene-d8	*111*			*75.0-131*		*02/28/2024 23:15*	WG2236339
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*02/28/2024 23:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*89.3*			*70.0-130*		*02/28/2024 23:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 23:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 23:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 23:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 23:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 23:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 23:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 23:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 23:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 23:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 23:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 23:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 23:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 23:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 23:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 23:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 23:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 23:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 23:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 23:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 23:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 23:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 23:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 23:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 23:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 23:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 23:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 23:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 23:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 23:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 23:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 23:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 23:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 23:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 23:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 23:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 23:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 23:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 23:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 23:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 23:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 23:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 23:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 23:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 23:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 23:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 23:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 23:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 23:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 23:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 23:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 23:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 23:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 23:35	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 23:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 23:35	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 23:35	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 23:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 23:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 23:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 23:35	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 23:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 23:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 23:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 23:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 23:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 23:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 23:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 23:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 23:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 23:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 23:35	WG2236339
(S) Toluene-d8	*114*			*75.0-131*		*02/28/2024 23:35*	WG2236339
(S) 4-Bromofluorobenzene	*95.4*			*67.0-138*		*02/28/2024 23:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*78.7*			*70.0-130*		*02/28/2024 23:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 23:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 23:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 23:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 23:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 23:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 23:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 23:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 23:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 23:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 23:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 23:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 23:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 23:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 23:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 23:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 23:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 23:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 23:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 23:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 23:55	WG2236339
Cyclohexane	0.0577	E4	0.0278	0.0625	1	02/28/2024 23:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 23:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 23:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 23:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 23:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 23:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 23:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 23:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 23:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 23:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 23:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 23:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 23:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 23:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 23:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 23:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 23:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 23:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 23:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 23:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 23:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 23:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 23:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 23:55	WG2236339
n-Hexane	0.0636	E4	0.0565	0.125	1	02/28/2024 23:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 23:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 23:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 23:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 23:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 23:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 23:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 23:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 23:55	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 23:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 23:55	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 23:55	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 23:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 23:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 23:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 23:55	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 23:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 23:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 23:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 23:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 23:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 23:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 23:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 23:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 23:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 23:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 23:55	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/28/2024 23:55*	WG2236339
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*02/28/2024 23:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*02/28/2024 23:55*	WG2236339

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/29/2024 00:37	WG2235492
Acenaphthene	U		0.00209	0.00600	1	02/29/2024 00:37	WG2235492
Acenaphthylene	U		0.00216	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(a)anthracene	U		0.00173	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(a)pyrene	U		0.00179	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/29/2024 00:37	WG2235492
Chrysene	U		0.00232	0.00600	1	02/29/2024 00:37	WG2235492
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/29/2024 00:37	WG2235492
Fluoranthene	U		0.00227	0.00600	1	02/29/2024 00:37	WG2235492
Fluorene	U		0.00205	0.00600	1	02/29/2024 00:37	WG2235492
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/29/2024 00:37	WG2235492
Naphthalene	U		0.00408	0.0200	1	02/29/2024 00:37	WG2235492
Phenanthrene	U		0.00231	0.00600	1	02/29/2024 00:37	WG2235492
Pyrene	U		0.00200	0.00600	1	02/29/2024 00:37	WG2235492
1-Methylnaphthalene	U		0.00449	0.0200	1	02/29/2024 00:37	WG2235492
2-Methylnaphthalene	0.00602	E4	0.00427	0.0200	1	02/29/2024 00:37	WG2235492
2-Chloronaphthalene	U		0.00466	0.0200	1	02/29/2024 00:37	WG2235492
(S) p-Terphenyl-d14	*77.0*			*23.0-120*		*02/29/2024 00:37*	WG2235492
(S) Nitrobenzene-d5	*86.2*			*14.0-149*		*02/29/2024 00:37*	WG2235492
(S) 2-Fluorobiphenyl	*69.7*			*34.0-125*		*02/29/2024 00:37*	WG2235492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 00:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 00:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 00:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 00:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 00:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 00:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 00:15	WG2236339
1,3-Butadiene	0.360	E4	0.128	0.625	1	02/29/2024 00:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 00:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 00:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 00:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 00:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 00:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 00:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 00:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 00:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 00:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 00:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 00:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 00:15	WG2236339
Cyclohexane	0.0286	E4	0.0278	0.0625	1	02/29/2024 00:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 00:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 00:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 00:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 00:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 00:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 00:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 00:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 00:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 00:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 00:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 00:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 00:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 00:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 00:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 00:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 00:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 00:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 00:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 00:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 00:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 00:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 00:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 00:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 00:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 00:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 00:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 00:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 00:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 00:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 00:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 00:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 00:15	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 00:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 00:15	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 00:15	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 00:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 00:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 00:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 00:15	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 00:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 00:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 00:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 00:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 00:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 00:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 00:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 00:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 00:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 00:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 00:15	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/29/2024 00:15*	WG2236339
(S) 4-Bromofluorobenzene	*95.4*			*67.0-138*		*02/29/2024 00:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.8*			*70.0-130*		*02/29/2024 00:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 00:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 00:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 00:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 00:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 00:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 00:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 00:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 00:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 00:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 00:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 00:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 00:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 00:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 00:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 00:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 00:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 00:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 00:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 00:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 00:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/29/2024 00:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 00:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 00:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 00:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 00:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 00:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 00:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 00:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 00:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 00:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 00:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 00:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 00:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 00:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 00:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 00:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 00:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 00:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 00:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 00:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 00:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 00:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 00:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 00:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 00:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 00:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 00:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 00:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 00:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 00:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 00:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 00:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 00:35	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 00:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 00:35	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 00:35	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 00:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 00:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 00:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 00:35	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 00:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 00:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 00:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 00:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 00:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 00:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 00:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 00:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 00:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 00:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 00:35	WG2236339
(S) Toluene-d8	*108*			*75.0-131*		*02/29/2024 00:35*	WG2236339
(S) 4-Bromofluorobenzene	*92.2*			*67.0-138*		*02/29/2024 00:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*82.3*			*70.0-130*		*02/29/2024 00:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 00:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 00:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 00:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 00:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 00:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 00:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 00:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 00:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 00:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 00:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 00:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 00:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 00:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 00:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 00:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 00:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 00:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 00:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 00:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 00:55	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/29/2024 00:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 00:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 00:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 00:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 00:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 00:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 00:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 00:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 00:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 00:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 00:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 00:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 00:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 00:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 00:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 00:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 00:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 00:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 00:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 00:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 00:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 00:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 00:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 00:55	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 00:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 00:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 00:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 00:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 00:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 00:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 00:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 00:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 00:55	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 00:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 00:55	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 00:55	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 00:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 00:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 00:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 00:55	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 00:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 00:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 00:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 00:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 00:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 00:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 00:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 00:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 00:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 00:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 00:55	WG2236339
(S) Toluene-d8	*114*			*75.0-131*		*02/29/2024 00:55*	WG2236339
(S) 4-Bromofluorobenzene	*91.7*			*67.0-138*		*02/29/2024 00:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*87.3*			*70.0-130*		*02/29/2024 00:55*	WG2236339

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/29/2024 00:54	WG2235492
Acenaphthene	U		0.00209	0.00600	1	02/29/2024 00:54	WG2235492
Acenaphthylene	U		0.00216	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(a)anthracene	U		0.00173	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(a)pyrene	U		0.00179	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/29/2024 00:54	WG2235492
Chrysene	U		0.00232	0.00600	1	02/29/2024 00:54	WG2235492
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/29/2024 00:54	WG2235492
Fluoranthene	U		0.00227	0.00600	1	02/29/2024 00:54	WG2235492
Fluorene	U		0.00205	0.00600	1	02/29/2024 00:54	WG2235492
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/29/2024 00:54	WG2235492
Naphthalene	U		0.00408	0.0200	1	02/29/2024 00:54	WG2235492
Phenanthrene	U		0.00231	0.00600	1	02/29/2024 00:54	WG2235492
Pyrene	U		0.00200	0.00600	1	02/29/2024 00:54	WG2235492
1-Methylnaphthalene	U		0.00449	0.0200	1	02/29/2024 00:54	WG2235492
2-Methylnaphthalene	U		0.00427	0.0200	1	02/29/2024 00:54	WG2235492
2-Chloronaphthalene	U		0.00466	0.0200	1	02/29/2024 00:54	WG2235492
(S) p-Terphenyl-d14	*69.0*			*23.0-120*		*02/29/2024 00:54*	WG2235492
(S) Nitrobenzene-d5	*82.4*			*14.0-149*		*02/29/2024 00:54*	WG2235492
(S) 2-Fluorobiphenyl	*71.3*			*34.0-125*		*02/29/2024 00:54*	WG2235492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 01:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 01:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 01:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 01:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 01:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 01:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 01:15	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 01:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 01:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 01:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 01:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 01:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 01:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 01:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 01:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 01:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 01:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 01:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 01:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 01:15	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/29/2024 01:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 01:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 01:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 01:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 01:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 01:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 01:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 01:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 01:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 01:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 01:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 01:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 01:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 01:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 01:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 01:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 01:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 01:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 01:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 01:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 01:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 01:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 01:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 01:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 01:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 01:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 01:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 01:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 01:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 01:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 01:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 01:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 01:15	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 01:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 01:15	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 01:15	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 01:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 01:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 01:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 01:15	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 01:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 01:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 01:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 01:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 01:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 01:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 01:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 01:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 01:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 01:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 01:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 01:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 01:15	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/29/2024 01:15*	WG2236339
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*02/29/2024 01:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*84.9*			*70.0-130*		*02/29/2024 01:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 12:31	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 12:31	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 12:31	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 12:31	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 12:31	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 12:31	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 12:31	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 12:31	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 12:31	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 12:31	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 12:31	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 12:31	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 12:31	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 12:31	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 12:31	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 12:31	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 12:31	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 12:31	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 12:31	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 12:31	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 12:31	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 12:31	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 12:31	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 12:31	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 12:31	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 12:31	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 12:31	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 12:31	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 12:31	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 12:31	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 12:31	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 12:31	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 12:31	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 12:31	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 12:31	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 12:31	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 12:31	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 12:31	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 12:31	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 12:31	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 12:31	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 12:31	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 12:31	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 12:31	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 12:31	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 12:31	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 12:31	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 12:31	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 12:31	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 12:31	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 12:31	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 12:31	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 12:31	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 12:31	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 12:31	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 12:31	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 12:31	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 12:31	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 12:31	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 12:31	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 12:31	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 12:31	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 12:31	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 12:31	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 12:31	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 12:31	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 12:31	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 12:31	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:31	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:31	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 12:31	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 12:31	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 12:31	WG2237608
(S) Toluene-d8	*105*			*75.0-131*		*03/01/2024 12:31*	WG2237608
(S) 4-Bromofluorobenzene	*96.4*			*67.0-138*		*03/01/2024 12:31*	WG2237608
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*03/01/2024 12:31*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 12:50	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 12:50	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 12:50	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 12:50	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 12:50	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 12:50	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 12:50	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 12:50	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 12:50	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 12:50	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 12:50	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 12:50	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 12:50	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 12:50	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 12:50	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 12:50	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 12:50	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 12:50	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 12:50	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 12:50	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 12:50	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 12:50	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 12:50	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 12:50	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 12:50	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 12:50	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 12:50	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 12:50	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 12:50	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 12:50	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 12:50	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 12:50	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 12:50	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 12:50	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 12:50	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 12:50	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 12:50	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 12:50	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 12:50	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 12:50	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 12:50	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 12:50	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 12:50	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 12:50	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 12:50	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 12:50	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 12:50	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 12:50	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 12:50	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 12:50	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 12:50	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 12:50	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 12:50	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 12:50	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 12:50	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 12:50	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 12:50	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 12:50	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 12:50	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 12:50	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 12:50	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 12:50	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 12:50	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 12:50	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 12:50	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 12:50	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 12:50	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 12:50	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:50	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:50	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 12:50	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 12:50	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 12:50	WG2237608
(S) Toluene-d8	*104*			*75.0-131*		*03/01/2024 12:50*	WG2237608
(S) 4-Bromofluorobenzene	*97.7*			*67.0-138*		*03/01/2024 12:50*	WG2237608
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*03/01/2024 12:50*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 13:09	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 13:09	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 13:09	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 13:09	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 13:09	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 13:09	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 13:09	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 13:09	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 13:09	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 13:09	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 13:09	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 13:09	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 13:09	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 13:09	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 13:09	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 13:09	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 13:09	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 13:09	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 13:09	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 13:09	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 13:09	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 13:09	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 13:09	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 13:09	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 13:09	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 13:09	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 13:09	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 13:09	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 13:09	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 13:09	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 13:09	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 13:09	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 13:09	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 13:09	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 13:09	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 13:09	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 13:09	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 13:09	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 13:09	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 13:09	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 13:09	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 13:09	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 13:09	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 13:09	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 13:09	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 13:09	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 13:09	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 13:09	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 13:09	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 13:09	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 13:09	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 13:09	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 13:09	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 13:09	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 13:09	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 13:09	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 13:09	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 13:09	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 13:09	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 13:09	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 13:09	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 13:09	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 13:09	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 13:09	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 13:09	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 13:09	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 13:09	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 13:09	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:09	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:09	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 13:09	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 13:09	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 13:09	WG2237608
(S) Toluene-d8	*104*			*75.0-131*		*03/01/2024 13:09*	WG2237608
(S) 4-Bromofluorobenzene	*96.5*			*67.0-138*		*03/01/2024 13:09*	WG2237608
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*		*03/01/2024 13:09*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 13:28	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 13:28	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 13:28	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 13:28	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 13:28	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 13:28	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 13:28	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 13:28	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 13:28	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 13:28	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 13:28	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 13:28	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 13:28	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 13:28	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 13:28	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 13:28	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 13:28	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 13:28	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 13:28	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 13:28	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 13:28	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 13:28	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 13:28	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 13:28	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 13:28	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 13:28	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 13:28	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 13:28	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 13:28	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 13:28	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 13:28	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 13:28	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 13:28	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 13:28	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 13:28	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 13:28	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 13:28	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 13:28	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 13:28	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 13:28	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 13:28	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 13:28	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 13:28	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 13:28	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 13:28	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 13:28	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 13:28	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 13:28	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 13:28	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 13:28	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 13:28	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 13:28	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 13:28	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 13:28	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 13:28	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 13:28	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 13:28	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 13:28	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 13:28	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 13:28	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 13:28	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 13:28	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 13:28	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 13:28	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 13:28	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 13:28	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 13:28	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 13:28	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:28	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:28	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 13:28	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 13:28	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 13:28	WG2237608
(S) Toluene-d8	*103*			*75.0-131*		*03/01/2024 13:28*	WG2237608
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*		*03/01/2024 13:28*	WG2237608
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*03/01/2024 13:28*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	L1	11.3	50.0	1	03/01/2024 15:43	WG2237865
Acrolein	U		2.54	50.0	1	03/01/2024 15:43	WG2237865
Acrylonitrile	U		0.671	10.0	1	03/01/2024 15:43	WG2237865
Benzene	U		0.0941	1.00	1	03/01/2024 15:43	WG2237865
Bromobenzene	U		0.118	1.00	1	03/01/2024 15:43	WG2237865
Bromodichloromethane	U		0.136	1.00	1	03/01/2024 15:43	WG2237865
Bromoform	U		0.129	1.00	1	03/01/2024 15:43	WG2237865
Bromomethane	U		0.605	5.00	1	03/01/2024 15:43	WG2237865
1,3-Butadiene	U		0.299	2.00	1	03/01/2024 15:43	WG2237865
n-Butylbenzene	U		0.157	1.00	1	03/01/2024 15:43	WG2237865
sec-Butylbenzene	U		0.125	1.00	1	03/01/2024 15:43	WG2237865
tert-Butylbenzene	U		0.127	1.00	1	03/01/2024 15:43	WG2237865
Carbon tetrachloride	U		0.128	1.00	1	03/01/2024 15:43	WG2237865
Carbon disulfide	U		0.0962	1.00	1	03/01/2024 15:43	WG2237865
Chlorobenzene	U		0.116	1.00	1	03/01/2024 15:43	WG2237865
Chlorodibromomethane	U		0.140	1.00	1	03/01/2024 15:43	WG2237865
Chloroethane	U		0.192	5.00	1	03/01/2024 15:43	WG2237865
Chloroform	U		0.111	5.00	1	03/01/2024 15:43	WG2237865
Chloromethane	U		0.960	2.50	1	03/01/2024 15:43	WG2237865
Cyclohexane	U		0.188	1.00	1	03/01/2024 15:43	WG2237865
2-Chlorotoluene	U		0.106	1.00	1	03/01/2024 15:43	WG2237865
4-Chlorotoluene	U		0.114	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/01/2024 15:43	WG2237865
1,2-Dibromoethane	U		0.126	1.00	1	03/01/2024 15:43	WG2237865
Dibromomethane	U		0.122	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dichlorobenzene	U		0.107	1.00	1	03/01/2024 15:43	WG2237865
1,3-Dichlorobenzene	U		0.110	1.00	1	03/01/2024 15:43	WG2237865
1,4-Dichlorobenzene	U		0.120	1.00	1	03/01/2024 15:43	WG2237865
Dichlorodifluoromethane	U		0.374	5.00	1	03/01/2024 15:43	WG2237865
1,1-Dichloroethane	U		0.100	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dichloroethane	U		0.0819	1.00	1	03/01/2024 15:43	WG2237865
1,1-Dichloroethene	U		0.188	1.00	1	03/01/2024 15:43	WG2237865
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/01/2024 15:43	WG2237865
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dichloropropane	U		0.149	1.00	1	03/01/2024 15:43	WG2237865
1,1-Dichloropropene	U		0.142	1.00	1	03/01/2024 15:43	WG2237865
1,3-Dichloropropane	U		0.110	1.00	1	03/01/2024 15:43	WG2237865
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/01/2024 15:43	WG2237865
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/01/2024 15:43	WG2237865
2,2-Dichloropropane	U		0.161	1.00	1	03/01/2024 15:43	WG2237865
Dicyclopentadiene	U		0.253	1.00	1	03/01/2024 15:43	WG2237865
Di-isopropyl ether	U		0.105	1.00	1	03/01/2024 15:43	WG2237865
Ethylbenzene	U		0.137	1.00	1	03/01/2024 15:43	WG2237865
4-Ethyltoluene	U		0.208	1.00	1	03/01/2024 15:43	WG2237865
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/01/2024 15:43	WG2237865
n-Hexane	U		0.749	10.0	1	03/01/2024 15:43	WG2237865
Isopropylbenzene	U		0.105	1.00	1	03/01/2024 15:43	WG2237865
p-Isopropyltoluene	U		0.120	1.00	1	03/01/2024 15:43	WG2237865
2-Butanone (MEK)	U		1.19	10.0	1	03/01/2024 15:43	WG2237865
Methyl Cyclohexane	U		0.660	1.00	1	03/01/2024 15:43	WG2237865
Methylene Chloride	U		0.430	5.00	1	03/01/2024 15:43	WG2237865
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/01/2024 15:43	WG2237865
Methyl tert-butyl ether	U		0.101	1.00	1	03/01/2024 15:43	WG2237865
Naphthalene	U		1.00	5.00	1	03/01/2024 15:43	WG2237865
Propene	U	L1	0.936	2.50	1	03/01/2024 15:43	WG2237865
n-Propylbenzene	U		0.0993	1.00	1	03/01/2024 15:43	WG2237865

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/01/2024 15:43	WG2237865
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/01/2024 15:43	WG2237865
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/01/2024 15:43	WG2237865
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/01/2024 15:43	WG2237865
Tetrachloroethene	U		0.300	1.00	1	03/01/2024 15:43	WG2237865
Toluene	U		0.278	1.00	1	03/01/2024 15:43	WG2237865
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/01/2024 15:43	WG2237865
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/01/2024 15:43	WG2237865
1,1,1-Trichloroethane	U		0.149	1.00	1	03/01/2024 15:43	WG2237865
1,1,2-Trichloroethane	U		0.158	1.00	1	03/01/2024 15:43	WG2237865
Trichloroethene	U		0.190	1.00	1	03/01/2024 15:43	WG2237865
Trichlorofluoromethane	U		0.160	5.00	1	03/01/2024 15:43	WG2237865
1,2,3-Trichloropropane	U		0.237	2.50	1	03/01/2024 15:43	WG2237865
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/01/2024 15:43	WG2237865
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/01/2024 15:43	WG2237865
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/01/2024 15:43	WG2237865
Vinyl chloride	U		0.234	1.00	1	03/01/2024 15:43	WG2237865
Xylenes, Total	U		0.174	3.00	1	03/01/2024 15:43	WG2237865
(S) Toluene-d8	*96.9*			*80.0-120*		*03/01/2024 15:43*	WG2237865
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*03/01/2024 15:43*	WG2237865
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*		*03/01/2024 15:43*	WG2237865

Method Blank (MB)

(MB) R4040285-3 02/28/24 19:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4040285-3 02/28/24 19:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040285-1 02/28/24 17:59 • (LCSD) R4040285-2 02/28/24 18:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.676	0.653	108	104	30.0-160			3.46	31
Acrylonitrile	0.625	0.627	0.644	100	103	45.0-153			2.68	22
Benzene	0.125	0.119	0.111	95.2	88.8	70.0-123			6.96	20
Bromobenzene	0.125	0.140	0.130	112	104	73.0-121			7.41	20
Bromodichloromethane	0.125	0.111	0.108	88.8	86.4	73.0-121			2.74	20
Bromoform	0.125	0.118	0.116	94.4	92.8	64.0-132			1.71	20
Bromomethane	0.125	0.129	0.120	103	96.0	56.0-147			7.23	20
1,3-Butadiene	0.125	0.132	0.117	106	93.6	32.0-150			12.0	20
n-Butylbenzene	0.125	0.130	0.115	104	92.0	68.0-135			12.2	20
sec-Butylbenzene	0.125	0.144	0.129	115	103	74.0-130			11.0	20
tert-Butylbenzene	0.125	0.135	0.122	108	97.6	75.0-127			10.1	20
Carbon disulfide	0.125	0.121	0.108	96.8	86.4	56.0-133			11.4	20
Carbon tetrachloride	0.125	0.126	0.120	101	96.0	66.0-128			4.88	20
Chlorobenzene	0.125	0.131	0.123	105	98.4	76.0-128			6.30	20
Chlorodibromomethane	0.125	0.123	0.119	98.4	95.2	74.0-127			3.31	20
Chloroethane	0.125	0.126	0.118	101	94.4	61.0-134			6.56	20
Chloroform	0.125	0.116	0.110	92.8	88.0	72.0-123			5.31	20
Chloromethane	0.125	0.131	0.121	105	96.8	51.0-138			7.94	20
2-Chlorotoluene	0.125	0.134	0.121	107	96.8	75.0-124			10.2	20
4-Chlorotoluene	0.125	0.131	0.122	105	97.6	75.0-124			7.11	20
Cyclohexane	0.125	0.114	0.0901	91.2	72.1	70.0-130		R7	23.4	20
1,2-Dibromo-3-Chloropropane	0.125	0.109	0.108	87.2	86.4	59.0-130			0.922	20
1,2-Dibromoethane	0.125	0.121	0.118	96.8	94.4	74.0-128			2.51	20
Dibromomethane	0.125	0.119	0.114	95.2	91.2	75.0-122			4.29	20
1,2-Dichlorobenzene	0.125	0.128	0.121	102	96.8	76.0-124			5.62	20
1,3-Dichlorobenzene	0.125	0.130	0.119	104	95.2	76.0-125			8.84	20
1,4-Dichlorobenzene	0.125	0.130	0.122	104	97.6	77.0-121			6.35	20
Dichlorodifluoromethane	0.125	0.116	0.106	92.8	84.8	43.0-156			9.01	20
1,1-Dichloroethane	0.125	0.125	0.119	100	95.2	70.0-127			4.92	20
1,2-Dichloroethane	0.125	0.112	0.110	89.6	88.0	65.0-131			1.80	20
1,1-Dichloroethene	0.125	0.124	0.110	99.2	88.0	65.0-131			12.0	20
cis-1,2-Dichloroethene	0.125	0.114	0.112	91.2	89.6	73.0-125			1.77	20
trans-1,2-Dichloroethene	0.125	0.123	0.116	98.4	92.8	71.0-125			5.86	20
1,2-Dichloropropane	0.125	0.122	0.117	97.6	93.6	74.0-125			4.18	20
1,1-Dichloropropene	0.125	0.132	0.117	106	93.6	73.0-125			12.0	20
1,3-Dichloropropane	0.125	0.128	0.123	102	98.4	80.0-125			3.98	20
cis-1,3-Dichloropropene	0.125	0.118	0.111	94.4	88.8	76.0-127			6.11	20
trans-1,3-Dichloropropene	0.125	0.119	0.114	95.2	91.2	73.0-127			4.29	20
2,2-Dichloropropane	0.125	0.115	0.111	92.0	88.8	59.0-135			3.54	20
Dicyclopentadiene	0.125	0.137	0.124	110	99.2	71.0-132			9.96	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040285-1 02/28/24 17:59 • (LCSD) R4040285-2 02/28/24 18:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.118	0.114	94.4	91.2	60.0-136			3.45	20
Ethylbenzene	0.125	0.131	0.122	105	97.6	74.0-126			7.11	20
4-Ethyltoluene	0.125	0.140	0.122	112	97.6	71.0-129			13.7	20
Hexachloro-1,3-butadiene	0.125	0.117	0.101	93.6	80.8	57.0-150			14.7	20
n-Hexane	0.125	0.115	0.103	92.0	82.4	55.0-137			11.0	20
Isopropylbenzene	0.125	0.139	0.131	111	105	72.0-127			5.93	20
p-Isopropyltoluene	0.125	0.141	0.127	113	102	72.0-133			10.4	20
2-Butanone (MEK)	0.625	0.613	0.632	98.1	101	30.0-160			3.05	24
Methylene Chloride	0.125	0.112	0.108	89.6	86.4	68.0-123			3.64	20
4-Methyl-2-pentanone (MIBK)	0.625	0.708	0.677	113	108	56.0-143			4.48	20
Methyl tert-butyl ether	0.125	0.118	0.115	94.4	92.0	66.0-132			2.58	20
Methyl Cyclohexane	0.125	0.116	0.102	92.8	81.6	67.0-129			12.8	20
Naphthalene	0.125	0.0836	0.0837	66.9	67.0	59.0-130			0.120	20
Propene	0.125	0.0940	0.0925	75.2	74.0	30.0-160			1.61	20
n-Propylbenzene	0.125	0.145	0.127	116	102	74.0-126			13.2	20
Styrene	0.125	0.122	0.117	97.6	93.6	72.0-127			4.18	20
1,1,1,2-Tetrachloroethane	0.125	0.124	0.119	99.2	95.2	74.0-129			4.12	20
1,1,2,2-Tetrachloroethane	0.125	0.118	0.115	94.4	92.0	68.0-128			2.58	20
1,1,2-Trichlorotrifluoroethane	0.125	0.119	0.108	95.2	86.4	61.0-139			9.69	20
Tetrachloroethene	0.125	0.138	0.124	110	99.2	70.0-136			10.7	20
Toluene	0.125	0.133	0.121	106	96.8	75.0-121			9.45	20
1,2,3-Trichlorobenzene	0.125	0.105	0.0992	84.0	79.4	59.0-139			5.68	20
1,2,4-Trichlorobenzene	0.125	0.111	0.105	88.8	84.0	62.0-137			5.56	20
1,1,1-Trichloroethane	0.125	0.134	0.123	107	98.4	69.0-126			8.56	20
1,1,2-Trichloroethane	0.125	0.125	0.119	100	95.2	78.0-123			4.92	20
Trichloroethene	0.125	0.136	0.126	109	101	76.0-126			7.63	20
Trichlorofluoromethane	0.125	0.119	0.107	95.2	85.6	61.0-142			10.6	20
1,2,3-Trichloropropane	0.125	0.135	0.130	108	104	67.0-129			3.77	20
1,2,4-Trimethylbenzene	0.125	0.136	0.122	109	97.6	70.0-126			10.9	20
1,2,3-Trimethylbenzene	0.125	0.129	0.119	103	95.2	74.0-124			8.06	20
1,3,5-Trimethylbenzene	0.125	0.133	0.123	106	98.4	73.0-127			7.81	20
Vinyl chloride	0.125	0.131	0.123	105	98.4	63.0-134			6.30	20
Xylenes, Total	0.375	0.396	0.370	106	98.7	72.0-127			6.79	20
(S) Toluene-d8				*103*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.4*	*97.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*96.4*	*95.8*	*70.0-130*				

Method Blank (MB)

(MB) R4039596-3 02/28/24 19:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4039596-3 02/28/24 19:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*114*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039596-1 02/28/24 17:58 • (LCSD) R4039596-2 02/28/24 18:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.408	0.495	65.3	79.2	30.0-160			19.3	31
Acrylonitrile	0.625	0.521	0.580	83.4	92.8	45.0-153			10.7	22
Benzene	0.125	0.124	0.121	99.2	96.8	70.0-123			2.45	20
Bromobenzene	0.125	0.137	0.135	110	108	73.0-121			1.47	20
Bromodichloromethane	0.125	0.109	0.109	87.2	87.2	73.0-121			0.000	20
Bromoform	0.125	0.0979	0.0990	78.3	79.2	64.0-132			1.12	20
Bromomethane	0.125	0.133	0.128	106	102	56.0-147			3.83	20
1,3-Butadiene	0.125	0.107	0.102	85.6	81.6	32.0-150			4.78	20
n-Butylbenzene	0.125	0.142	0.127	114	102	68.0-135			11.2	20
sec-Butylbenzene	0.125	0.149	0.137	119	110	74.0-130			8.39	20
tert-Butylbenzene	0.125	0.151	0.147	121	118	75.0-127			2.68	20
Carbon disulfide	0.125	0.0986	0.0978	78.9	78.2	56.0-133			0.815	20
Carbon tetrachloride	0.125	0.112	0.112	89.6	89.6	66.0-128			0.000	20
Chlorobenzene	0.125	0.143	0.143	114	114	76.0-128			0.000	20
Chlorodibromomethane	0.125	0.109	0.109	87.2	87.2	74.0-127			0.000	20
Chloroethane	0.125	0.105	0.107	84.0	85.6	61.0-134			1.89	20
Chloroform	0.125	0.103	0.104	82.4	83.2	72.0-123			0.966	20
Chloromethane	0.125	0.101	0.102	80.8	81.6	51.0-138			0.985	20
2-Chlorotoluene	0.125	0.126	0.131	101	105	75.0-124			3.89	20
4-Chlorotoluene	0.125	0.145	0.135	116	108	75.0-124			7.14	20
Cyclohexane	0.125	0.0969	0.0920	77.5	73.6	70.0-130			5.19	20
1,2-Dibromo-3-Chloropropane	0.125	0.120	0.106	96.0	84.8	59.0-130			12.4	20
1,2-Dibromoethane	0.125	0.125	0.113	100	90.4	74.0-128			10.1	20
Dibromomethane	0.125	0.110	0.111	88.0	88.8	75.0-122			0.905	20
1,2-Dichlorobenzene	0.125	0.141	0.136	113	109	76.0-124			3.61	20
1,3-Dichlorobenzene	0.125	0.143	0.138	114	110	76.0-125			3.56	20
1,4-Dichlorobenzene	0.125	0.133	0.126	106	101	77.0-121			5.41	20
Dichlorodifluoromethane	0.125	0.124	0.117	99.2	93.6	43.0-156			5.81	20
1,1-Dichloroethane	0.125	0.104	0.110	83.2	88.0	70.0-127			5.61	20
1,2-Dichloroethane	0.125	0.0999	0.105	79.9	84.0	65.0-131			4.98	20
1,1-Dichloroethene	0.125	0.104	0.109	83.2	87.2	65.0-131			4.69	20
cis-1,2-Dichloroethene	0.125	0.113	0.117	90.4	93.6	73.0-125			3.48	20
trans-1,2-Dichloroethene	0.125	0.110	0.106	88.0	84.8	71.0-125			3.70	20
1,2-Dichloropropane	0.125	0.109	0.0952	87.2	76.2	74.0-125			13.5	20
1,1-Dichloropropene	0.125	0.111	0.117	88.8	93.6	73.0-125			5.26	20
1,3-Dichloropropane	0.125	0.121	0.125	96.8	100	80.0-125			3.25	20
cis-1,3-Dichloropropene	0.125	0.108	0.106	86.4	84.8	76.0-127			1.87	20
trans-1,3-Dichloropropene	0.125	0.118	0.114	94.4	91.2	73.0-127			3.45	20
2,2-Dichloropropane	0.125	0.129	0.126	103	101	59.0-135			2.35	20
Dicyclopentadiene	0.125	0.152	0.141	122	113	71.0-132			7.51	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039596-1 02/28/24 17:58 • (LCSD) R4039596-2 02/28/24 18:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.110	0.111	88.0	88.8	60.0-136			0.905	20
Ethylbenzene	0.125	0.139	0.139	111	111	74.0-126			0.000	20
4-Ethyltoluene	0.125	0.144	0.137	115	110	71.0-129			4.98	20
Hexachloro-1,3-butadiene	0.125	0.141	0.122	113	97.6	57.0-150			14.4	20
n-Hexane	0.125	0.0874	0.0948	69.9	75.8	55.0-137			8.12	20
Isopropylbenzene	0.125	0.133	0.133	106	106	72.0-127			0.000	20
p-Isopropyltoluene	0.125	0.158	0.151	126	121	72.0-133			4.53	20
2-Butanone (MEK)	0.625	0.581	0.587	93.0	93.9	30.0-160			1.03	24
Methylene Chloride	0.125	0.105	0.108	84.0	86.4	68.0-123			2.82	20
4-Methyl-2-pentanone (MIBK)	0.625	0.666	0.678	107	108	56.0-143			1.79	20
Methyl tert-butyl ether	0.125	0.121	0.117	96.8	93.6	66.0-132			3.36	20
Methyl Cyclohexane	0.125	0.0929	0.0890	74.3	71.2	67.0-129			4.29	20
Naphthalene	0.125	0.152	0.151	122	121	59.0-130			0.660	20
Propene	0.125	0.0722	0.0798	57.8	63.8	30.0-160			10.0	20
n-Propylbenzene	0.125	0.159	0.138	127	110	74.0-126	L1		14.1	20
Styrene	0.125	0.118	0.117	94.4	93.6	72.0-127			0.851	20
1,1,1,2-Tetrachloroethane	0.125	0.115	0.115	92.0	92.0	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.142	0.138	114	110	68.0-128			2.86	20
1,1,2-Trichlorotrifluoroethane	0.125	0.0997	0.107	79.8	85.6	61.0-139			7.06	20
Tetrachloroethene	0.125	0.132	0.136	106	109	70.0-136			2.99	20
Toluene	0.125	0.137	0.134	110	107	75.0-121			2.21	20
1,2,3-Trichlorobenzene	0.125	0.133	0.131	106	105	59.0-139			1.52	20
1,2,4-Trichlorobenzene	0.125	0.168	0.144	134	115	62.0-137			15.4	20
1,1,1-Trichloroethane	0.125	0.113	0.107	90.4	85.6	69.0-126			5.45	20
1,1,2-Trichloroethane	0.125	0.128	0.126	102	101	78.0-123			1.57	20
Trichloroethene	0.125	0.107	0.103	85.6	82.4	76.0-126			3.81	20
Trichlorofluoromethane	0.125	0.102	0.110	81.6	88.0	61.0-142			7.55	20
1,2,3-Trichloropropane	0.125	0.124	0.128	99.2	102	67.0-129			3.17	20
1,2,4-Trimethylbenzene	0.125	0.145	0.149	116	119	70.0-126			2.72	20
1,2,3-Trimethylbenzene	0.125	0.140	0.137	112	110	74.0-124			2.17	20
1,3,5-Trimethylbenzene	0.125	0.146	0.127	117	102	73.0-127			13.9	20
Vinyl chloride	0.125	0.118	0.112	94.4	89.6	63.0-134			5.22	20
Xylenes, Total	0.375	0.424	0.378	113	101	72.0-127			11.5	20
(S) Toluene-d8				*107*	*109*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.9*	*98.3*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*94.6*	*94.6*	*70.0-130*				

Method Blank (MB)

(MB) R4040433-3 03/01/24 09:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4040433-3 03/01/24 09:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040433-1 03/01/24 08:03 • (LCSD) R4040433-2 03/01/24 08:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.651	0.682	104	109	30.0-160			4.65	31
Acrylonitrile	0.625	0.660	0.666	106	107	45.0-153			0.905	22
Benzene	0.125	0.116	0.117	92.8	93.6	70.0-123			0.858	20
Bromobenzene	0.125	0.129	0.136	103	109	73.0-121			5.28	20
Bromodichloromethane	0.125	0.109	0.114	87.2	91.2	73.0-121			4.48	20
Bromoform	0.125	0.105	0.113	84.0	90.4	64.0-132			7.34	20
Bromomethane	0.125	0.114	0.120	91.2	96.0	56.0-147			5.13	20
1,3-Butadiene	0.125	0.123	0.131	98.4	105	32.0-150			6.30	20
n-Butylbenzene	0.125	0.111	0.123	88.8	98.4	68.0-135			10.3	20
sec-Butylbenzene	0.125	0.128	0.142	102	114	74.0-130			10.4	20
tert-Butylbenzene	0.125	0.121	0.131	96.8	105	75.0-127			7.94	20
Carbon disulfide	0.125	0.116	0.113	92.8	90.4	56.0-133			2.62	20
Carbon tetrachloride	0.125	0.130	0.131	104	105	66.0-128			0.766	20
Chlorobenzene	0.125	0.123	0.128	98.4	102	76.0-128			3.98	20
Chlorodibromomethane	0.125	0.115	0.119	92.0	95.2	74.0-127			3.42	20
Chloroethane	0.125	0.112	0.125	89.6	100	61.0-134			11.0	20
Chloroform	0.125	0.114	0.116	91.2	92.8	72.0-123			1.74	20
Chloromethane	0.125	0.116	0.124	92.8	99.2	51.0-138			6.67	20
2-Chlorotoluene	0.125	0.127	0.131	102	105	75.0-124			3.10	20
4-Chlorotoluene	0.125	0.130	0.135	104	108	75.0-124			3.77	20
Cyclohexane	0.125	0.0995	0.116	79.6	92.8	70.0-130			15.3	20
1,2-Dibromo-3-Chloropropane	0.125	0.105	0.110	84.0	88.0	59.0-130			4.65	20
1,2-Dibromoethane	0.125	0.115	0.121	92.0	96.8	74.0-128			5.08	20
Dibromomethane	0.125	0.118	0.121	94.4	96.8	75.0-122			2.51	20
1,2-Dichlorobenzene	0.125	0.122	0.131	97.6	105	76.0-124			7.11	20
1,3-Dichlorobenzene	0.125	0.120	0.123	96.0	98.4	76.0-125			2.47	20
1,4-Dichlorobenzene	0.125	0.119	0.127	95.2	102	77.0-121			6.50	20
Dichlorodifluoromethane	0.125	0.110	0.112	88.0	89.6	43.0-156			1.80	20
1,1-Dichloroethane	0.125	0.125	0.130	100	104	70.0-127			3.92	20
1,2-Dichloroethane	0.125	0.118	0.118	94.4	94.4	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.125	0.127	100	102	65.0-131			1.59	20
cis-1,2-Dichloroethene	0.125	0.110	0.114	88.0	91.2	73.0-125			3.57	20
trans-1,2-Dichloroethene	0.125	0.116	0.125	92.8	100	71.0-125			7.47	20
1,2-Dichloropropane	0.125	0.122	0.124	97.6	99.2	74.0-125			1.63	20
1,1-Dichloropropene	0.125	0.130	0.133	104	106	73.0-125			2.28	20
1,3-Dichloropropane	0.125	0.123	0.127	98.4	102	80.0-125			3.20	20
cis-1,3-Dichloropropene	0.125	0.111	0.118	88.8	94.4	76.0-127			6.11	20
trans-1,3-Dichloropropene	0.125	0.112	0.120	89.6	96.0	73.0-127			6.90	20
2,2-Dichloropropane	0.125	0.100	0.107	80.0	85.6	59.0-135			6.76	20
Dicyclopentadiene	0.125	0.125	0.133	100	106	71.0-132			6.20	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040433-1 03/01/24 08:03 • (LCSD) R4040433-2 03/01/24 08:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.124	0.123	99.2	98.4	60.0-136			0.810	20
Ethylbenzene	0.125	0.123	0.129	98.4	103	74.0-126			4.76	20
4-Ethyltoluene	0.125	0.127	0.135	102	108	71.0-129			6.11	20
Hexachloro-1,3-butadiene	0.125	0.0968	0.117	77.4	93.6	57.0-150			18.9	20
n-Hexane	0.125	0.107	0.106	85.6	84.8	55.0-137			0.939	20
Isopropylbenzene	0.125	0.127	0.137	102	110	72.0-127			7.58	20
p-Isopropyltoluene	0.125	0.126	0.137	101	110	72.0-133			8.37	20
2-Butanone (MEK)	0.625	0.632	0.654	101	105	30.0-160			3.42	24
Methylene Chloride	0.125	0.117	0.116	93.6	92.8	68.0-123			0.858	20
4-Methyl-2-pentanone (MIBK)	0.625	0.711	0.727	114	116	56.0-143			2.23	20
Methyl tert-butyl ether	0.125	0.128	0.117	102	93.6	66.0-132			8.98	20
Methyl Cyclohexane	0.125	0.115	0.116	92.0	92.8	67.0-129			0.866	20
Naphthalene	0.125	0.0807	0.0967	64.6	77.4	59.0-130			18.0	20
Propene	0.125	0.103	0.0878	82.4	70.2	30.0-160			15.9	20
n-Propylbenzene	0.125	0.130	0.141	104	113	74.0-126			8.12	20
Styrene	0.125	0.116	0.121	92.8	96.8	72.0-127			4.22	20
1,1,1,2-Tetrachloroethane	0.125	0.115	0.121	92.0	96.8	74.0-129			5.08	20
1,1,2,2-Tetrachloroethane	0.125	0.108	0.108	86.4	86.4	68.0-128			0.000	20
1,1,2-Trichlorotrifluoroethane	0.125	0.124	0.124	99.2	99.2	61.0-139			0.000	20
Tetrachloroethene	0.125	0.123	0.132	98.4	106	70.0-136			7.06	20
Toluene	0.125	0.123	0.131	98.4	105	75.0-121			6.30	20
1,2,3-Trichlorobenzene	0.125	0.0904	0.106	72.3	84.8	59.0-139			15.9	20
1,2,4-Trichlorobenzene	0.125	0.0965	0.112	77.2	89.6	62.0-137			14.9	20
1,1,1-Trichloroethane	0.125	0.131	0.133	105	106	69.0-126			1.52	20
1,1,2-Trichloroethane	0.125	0.120	0.123	96.0	98.4	78.0-123			2.47	20
Trichloroethene	0.125	0.136	0.140	109	112	76.0-126			2.90	20
Trichlorofluoromethane	0.125	0.116	0.120	92.8	96.0	61.0-142			3.39	20
1,2,3-Trichloropropane	0.125	0.132	0.135	106	108	67.0-129			2.25	20
1,2,4-Trimethylbenzene	0.125	0.126	0.132	101	106	70.0-126			4.65	20
1,2,3-Trimethylbenzene	0.125	0.119	0.128	95.2	102	74.0-124			7.29	20
1,3,5-Trimethylbenzene	0.125	0.126	0.134	101	107	73.0-127			6.15	20
Vinyl chloride	0.125	0.116	0.123	92.8	98.4	63.0-134			5.86	20
Xylenes, Total	0.375	0.370	0.391	98.7	104	72.0-127			5.52	20
(S) Toluene-d8				*101*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.8*	*96.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*100*	*99.4*	*70.0-130*				

Method Blank (MB)

(MB) R4041117-3 03/01/24 12:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	0.136	E4	0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4041117-3 03/01/24 12:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	0.193	E4	0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*96.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4041117-1 03/01/24 09:08 • (LCSD) R4041117-2 03/01/24 09:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	51.4	53.5	206	214	19.0-160	L1	L1	4.00	27
Acrolein	25.0	22.9	23.7	91.6	94.8	30.0-160			3.43	26
Acrylonitrile	25.0	32.3	35.0	129	140	55.0-149			8.02	20
Benzene	5.00	5.32	5.27	106	105	70.0-123			0.944	20
Bromobenzene	5.00	5.22	5.36	104	107	73.0-121			2.65	20
Bromodichloromethane	5.00	5.56	5.58	111	112	75.0-120			0.359	20
Bromoform	5.00	4.78	4.83	95.6	96.6	68.0-132			1.04	20
Bromomethane	5.00	4.52	4.62	90.4	92.4	30.0-160			2.19	25
1,3-Butadiene	5.00	4.32	4.05	86.4	81.0	45.0-147			6.45	20
n-Butylbenzene	5.00	4.34	4.66	86.8	93.2	73.0-125			7.11	20
sec-Butylbenzene	5.00	4.91	4.94	98.2	98.8	75.0-125			0.609	20
tert-Butylbenzene	5.00	4.80	4.83	96.0	96.6	76.0-124			0.623	20
Carbon tetrachloride	5.00	5.94	5.78	119	116	68.0-126			2.73	20
Carbon disulfide	5.00	5.37	5.33	107	107	61.0-128			0.748	20
Chlorobenzene	5.00	4.93	4.87	98.6	97.4	80.0-121			1.22	20
Chlorodibromomethane	5.00	4.79	4.73	95.8	94.6	77.0-125			1.26	20
Chloroethane	5.00	4.99	5.05	99.8	101	47.0-150			1.20	20
Chloroform	5.00	5.55	5.58	111	112	73.0-120			0.539	20
Chloromethane	5.00	6.65	6.60	133	132	41.0-142			0.755	20
Cyclohexane	5.00	5.38	5.16	108	103	71.0-124			4.17	20
2-Chlorotoluene	5.00	5.17	5.25	103	105	76.0-123			1.54	20
4-Chlorotoluene	5.00	4.99	5.26	99.8	105	75.0-122			5.27	20
1,2-Dibromo-3-Chloropropane	5.00	3.87	4.24	77.4	84.8	58.0-134			9.12	20
1,2-Dibromoethane	5.00	4.90	4.95	98.0	99.0	80.0-122			1.02	20
Dibromomethane	5.00	5.10	5.33	102	107	80.0-120			4.41	20
1,2-Dichlorobenzene	5.00	4.66	4.77	93.2	95.4	79.0-121			2.33	20
1,3-Dichlorobenzene	5.00	4.79	4.85	95.8	97.0	79.0-120			1.24	20
1,4-Dichlorobenzene	5.00	4.84	4.94	96.8	98.8	79.0-120			2.04	20
Dichlorodifluoromethane	5.00	7.23	6.70	145	134	51.0-149			7.61	20
1,1-Dichloroethane	5.00	5.62	5.71	112	114	70.0-126			1.59	20
1,2-Dichloroethane	5.00	6.19	6.21	124	124	70.0-128			0.323	20
1,1-Dichloroethene	5.00	5.45	5.23	109	105	71.0-124			4.12	20
cis-1,2-Dichloroethene	5.00	5.15	5.07	103	101	73.0-120			1.57	20
trans-1,2-Dichloroethene	5.00	5.37	5.44	107	109	73.0-120			1.30	20
1,2-Dichloropropane	5.00	5.50	5.35	110	107	77.0-125			2.76	20
1,1-Dichloropropene	5.00	5.75	5.74	115	115	74.0-126			0.174	20
1,3-Dichloropropane	5.00	5.13	5.25	103	105	80.0-120			2.31	20
cis-1,3-Dichloropropene	5.00	5.21	5.19	104	104	80.0-123			0.385	20
trans-1,3-Dichloropropene	5.00	4.98	4.99	99.6	99.8	78.0-124			0.201	20
2,2-Dichloropropane	5.00	5.37	5.22	107	104	58.0-130			2.83	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4041117-1 03/01/24 09:08 • (LCSD) R4041117-2 03/01/24 09:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.13	5.22	103	104	74.0-126			1.74	20
Di-isopropyl ether	5.00	6.07	5.99	121	120	58.0-138			1.33	20
Ethylbenzene	5.00	5.03	5.00	101	100	79.0-123			0.598	20
4-Ethyltoluene	5.00	4.97	5.10	99.4	102	74.0-127			2.58	20
Hexachloro-1,3-butadiene	5.00	4.45	4.39	89.0	87.8	54.0-138			1.36	20
n-Hexane	5.00	5.96	5.83	119	117	57.0-133			2.21	20
Isopropylbenzene	5.00	4.92	4.92	98.4	98.4	76.0-127			0.000	20
p-Isopropyltoluene	5.00	4.71	4.73	94.2	94.6	76.0-125			0.424	20
2-Butanone (MEK)	25.0	33.1	34.3	132	137	44.0-160			3.56	20
Methyl Cyclohexane	5.00	5.02	4.68	100	93.6	68.0-126			7.01	20
Methylene Chloride	5.00	5.52	5.51	110	110	67.0-120			0.181	20
4-Methyl-2-pentanone (MIBK)	25.0	29.4	29.6	118	118	68.0-142			0.678	20
Methyl tert-butyl ether	5.00	5.65	5.57	113	111	68.0-125			1.43	20
Naphthalene	5.00	3.16	3.64	63.2	72.8	54.0-135			14.1	20
Propene	5.00	9.55	9.13	191	183	30.0-160	L1	L1	4.50	20
n-Propylbenzene	5.00	5.03	5.15	101	103	77.0-124			2.36	20
Styrene	5.00	4.66	4.72	93.2	94.4	73.0-130			1.28	20
1,1,1,2-Tetrachloroethane	5.00	4.85	4.72	97.0	94.4	75.0-125			2.72	20
1,1,2,2-Tetrachloroethane	5.00	5.00	5.00	100	100	65.0-130			0.000	20
1,1,2-Trichlorotrifluoroethane	5.00	5.75	5.45	115	109	69.0-132			5.36	20
Tetrachloroethene	5.00	5.03	5.07	101	101	72.0-132			0.792	20
Toluene	5.00	4.86	4.91	97.2	98.2	79.0-120			1.02	20
1,2,3-Trichlorobenzene	5.00	3.62	3.98	72.4	79.6	50.0-138			9.47	20
1,2,4-Trichlorobenzene	5.00	3.94	4.23	78.8	84.6	57.0-137			7.10	20
1,1,1-Trichloroethane	5.00	5.96	5.79	119	116	73.0-124			2.89	20
1,1,2-Trichloroethane	5.00	4.72	4.74	94.4	94.8	80.0-120			0.423	20
Trichloroethene	5.00	5.38	5.42	108	108	78.0-124			0.741	20
Trichlorofluoromethane	5.00	6.23	6.15	125	123	59.0-147			1.29	20
1,2,3-Trichloropropane	5.00	5.08	5.42	102	108	73.0-130			6.48	20
1,2,4-Trimethylbenzene	5.00	4.88	4.95	97.6	99.0	76.0-121			1.42	20
1,2,3-Trimethylbenzene	5.00	4.92	4.98	98.4	99.6	77.0-120			1.21	20
1,3,5-Trimethylbenzene	5.00	5.04	5.13	101	103	76.0-122			1.77	20
Vinyl chloride	5.00	5.31	5.33	106	107	67.0-131			0.376	20
Xylenes, Total	15.0	14.8	14.6	98.7	97.3	79.0-123			1.36	20
(S) Toluene-d8				*95.7*	*95.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.9*	*95.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*125*	*125*	*70.0-130*				

L1709175-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1709175-01 03/01/24 17:04 • (MS) R4041117-4 03/01/24 21:29 • (MSD) R4041117-5 03/01/24 21:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	49.3	53.9	197	216	1	10.0-160	M1	M1	8.91	35
Acrolein	25.0	U	46.9	43.4	188	174	1	10.0-160	M1	M1	7.75	39
Acrylonitrile	25.0	U	33.4	35.2	134	141	1	21.0-160			5.25	32
Benzene	5.00	U	7.04	5.46	141	109	1	17.0-158			25.3	27
Bromobenzene	5.00	U	7.33	5.30	147	106	1	30.0-149		R5	32.1	28
Bromodichloromethane	5.00	U	7.36	5.78	147	116	1	31.0-150			24.0	27
Bromoform	5.00	U	5.51	4.98	110	99.6	1	29.0-150			10.1	29
Bromomethane	5.00	U	5.04	4.32	101	86.4	1	10.0-160			15.4	38
1,3-Butadiene	5.00	U	4.87	4.16	97.4	83.2	1	10.0-160			15.7	22
n-Butylbenzene	5.00	U	5.55	4.99	111	99.8	1	31.0-150			10.6	30
sec-Butylbenzene	5.00	U	6.07	5.19	121	104	1	33.0-155			15.6	29
tert-Butylbenzene	5.00	U	5.77	4.98	115	99.6	1	34.0-153			14.7	28
Carbon tetrachloride	5.00	U	7.79	6.30	156	126	1	23.0-159			21.1	28
Carbon disulfide	5.00	U	4.85	4.59	97.0	91.8	1	10.0-156			5.51	28
Chlorobenzene	5.00	U	5.95	5.06	119	101	1	33.0-152			16.2	27
Chlorodibromomethane	5.00	U	5.83	4.89	117	97.8	1	37.0-149			17.5	27
Chloroethane	5.00	U	5.72	4.86	114	97.2	1	10.0-160			16.3	30
Chloroform	5.00	0.194	7.68	6.32	150	123	1	29.0-154			19.4	28
Chloromethane	5.00	U	7.67	6.55	153	131	1	10.0-160			15.8	29
Cyclohexane	5.00	U	7.03	5.59	141	112	1	19.0-160			22.8	23
2-Chlorotoluene	5.00	U	7.22	5.45	144	109	1	32.0-153			27.9	28
4-Chlorotoluene	5.00	U	7.50	5.43	150	109	1	32.0-150		R5	32.0	28
1,2-Dibromo-3-Chloropropane	5.00	U	4.32	4.24	86.4	84.8	1	22.0-151			1.87	34
1,2-Dibromoethane	5.00	U	5.71	4.88	114	97.6	1	34.0-147			15.7	27
Dibromomethane	5.00	U	6.81	5.41	136	108	1	30.0-151			22.9	27
1,2-Dichlorobenzene	5.00	U	5.70	5.01	114	100	1	34.0-149			12.9	28
1,3-Dichlorobenzene	5.00	U	5.75	4.99	115	99.8	1	36.0-146			14.2	27
1,4-Dichlorobenzene	5.00	U	5.64	5.10	113	102	1	35.0-142			10.1	27
Dichlorodifluoromethane	5.00	U	9.70	8.29	194	166	1	10.0-160	M1	M1	15.7	29
1,1-Dichloroethane	5.00	U	7.75	6.12	155	122	1	25.0-158			23.5	27
1,2-Dichloroethane	5.00	U	7.93	6.40	159	128	1	29.0-151	M1		21.4	27
1,1-Dichloroethene	5.00	U	6.51	5.54	130	111	1	11.0-160			16.1	29
cis-1,2-Dichloroethene	5.00	U	9.88	5.99	198	120	1	10.0-160	M1	R5	49.0	27
trans-1,2-Dichloroethene	5.00	U	6.36	5.52	127	110	1	17.0-153			14.1	27
1,2-Dichloropropane	5.00	U	7.57	5.77	151	115	1	30.0-156			27.0	27
1,1-Dichloropropene	5.00	U	7.47	6.07	149	121	1	25.0-158			20.7	27
1,3-Dichloropropane	5.00	U	6.33	5.18	127	104	1	38.0-147			20.0	27
cis-1,3-Dichloropropene	5.00	U	6.93	5.17	139	103	1	34.0-149		R5	29.1	28
trans-1,3-Dichloropropene	5.00	U	5.87	4.95	117	99.0	1	32.0-149			17.0	28
2,2-Dichloropropane	5.00	U	7.00	5.33	140	107	1	24.0-152			27.1	29

L1709175-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1709175-01 03/01/24 17:04 • (MS) R4041117-4 03/01/24 21:29 • (MSD) R4041117-5 03/01/24 21:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	6.43	5.25	129	105	1	51.0-139		R5	20.2	20
Di-isopropyl ether	5.00	U	8.29	6.53	166	131	1	21.0-160	M1		23.8	28
Ethylbenzene	5.00	U	6.18	5.13	124	103	1	30.0-155			18.6	27
4-Ethyltoluene	5.00	U	5.67	5.20	113	104	1	10.0-160			8.65	20
Hexachloro-1,3-butadiene	5.00	U	4.97	5.18	99.4	104	1	20.0-154			4.14	34
n-Hexane	5.00	U	7.30	6.29	146	126	1	10.0-153			14.9	28
Isopropylbenzene	5.00	U	6.23	5.15	125	103	1	28.0-157			19.0	27
p-Isopropyltoluene	5.00	U	5.72	4.95	114	99.0	1	30.0-154			14.4	29
2-Butanone (MEK)	25.0	U	37.3	37.3	149	149	1	10.0-160			0.000	32
Methyl Cyclohexane	5.00	U	6.47	5.11	129	102	1	11.0-160			23.5	24
Methylene Chloride	5.00	U	7.01	5.70	140	114	1	23.0-144			20.6	28
4-Methyl-2-pentanone (MIBK)	25.0	U	32.3	30.4	129	122	1	29.0-160			6.06	29
Methyl tert-butyl ether	5.00	U	7.28	5.90	146	118	1	28.0-150			20.9	29
Naphthalene	5.00	U	4.53	3.88	90.6	77.6	1	12.0-156			15.5	35
Propene	5.00	U	11.1	9.89	222	198	1	10.0-160	M1	M1	11.5	29
n-Propylbenzene	5.00	U	6.51	5.27	130	105	1	31.0-154			21.1	28
Styrene	5.00	U	6.13	4.75	123	95.0	1	33.0-155			25.4	28
1,1,1,2-Tetrachloroethane	5.00	U	5.78	4.88	116	97.6	1	36.0-151			16.9	29
1,1,2,2-Tetrachloroethane	5.00	U	5.91	5.32	118	106	1	33.0-150			10.5	28
1,1,2-Trichlorotrifluoroethane	5.00	U	7.83	6.41	157	128	1	23.0-160			19.9	30
Tetrachloroethene	5.00	U	6.03	5.29	121	106	1	10.0-160			13.1	27
Toluene	5.00	U	6.05	4.97	121	99.4	1	26.0-154			19.6	28
1,2,3-Trichlorobenzene	5.00	U	5.07	4.52	101	90.4	1	17.0-150			11.5	36
1,2,4-Trichlorobenzene	5.00	U	5.27	4.66	105	93.2	1	24.0-150			12.3	33
1,1,1-Trichloroethane	5.00	U	7.75	6.36	155	127	1	23.0-160			19.7	28
1,1,2-Trichloroethane	5.00	U	5.84	4.96	117	99.2	1	35.0-147			16.3	27
Trichloroethene	5.00	U	7.33	5.55	147	111	1	10.0-160		R5	27.6	25
Trichlorofluoromethane	5.00	U	8.18	6.72	164	134	1	17.0-160	M1		19.6	31
1,2,3-Trichloropropane	5.00	U	5.85	5.42	117	108	1	34.0-151			7.63	29
1,2,4-Trimethylbenzene	5.00	U	10.7	5.04	214	101	1	26.0-154	M1	R5	71.9	27
1,2,3-Trimethylbenzene	5.00	U	6.11	5.10	122	102	1	32.0-149			18.0	28
1,3,5-Trimethylbenzene	5.00	U	11.8	5.27	236	105	1	28.0-153	M1	R5	76.5	27
Vinyl chloride	5.00	U	6.49	5.45	130	109	1	10.0-160			17.4	27
Xylenes, Total	15.0	U	19.1	15.0	127	100	1	29.0-154			24.0	28
(S) Toluene-d8					*90.4*	*94.0*		*80.0-120*				
(S) 4-Bromofluorobenzene					*97.4*	*95.8*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*131*	*128*		*70.0-130*	S10			

Method Blank (MB)

(MB) R4039757-2 02/28/24 21:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*92.7*			*23.0-120*
(S) Nitrobenzene-d5	*93.0*			*14.0-149*
(S) 2-Fluorobiphenyl	*91.7*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4039757-1 02/28/24 21:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0666	83.3	50.0-126	
Acenaphthene	0.0800	0.0657	82.1	50.0-120	
Acenaphthylene	0.0800	0.0672	84.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0655	81.9	45.0-120	
Benzo(a)pyrene	0.0800	0.0545	68.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0650	81.3	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0645	80.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0642	80.3	49.0-125	
Chrysene	0.0800	0.0677	84.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0627	78.4	47.0-125	
Fluoranthene	0.0800	0.0711	88.9	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4039757-1 02/28/24 21:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0701	87.6	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0609	76.1	46.0-125	
Naphthalene	0.0800	0.0660	82.5	50.0-120	
Phenanthrene	0.0800	0.0674	84.3	47.0-120	
Pyrene	0.0800	0.0659	82.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0708	88.5	51.0-121	
2-Methylnaphthalene	0.0800	0.0698	87.3	50.0-120	
2-Chloronaphthalene	0.0800	0.0692	86.5	50.0-120	
(S) p-Terphenyl-d14			*87.8*	*23.0-120*	
(S) Nitrobenzene-d5			*96.4*	*14.0-149*	
(S) 2-Fluorobiphenyl			*91.8*	*34.0-125*	

L1709497-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1709497-11 02/28/24 22:19 • (MS) R4039757-3 02/28/24 22:36 • (MSD) R4039757-4 02/28/24 22:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0764	0.00241	0.0361	0.0350	44.1	42.2	1	10.0-145			3.09	30
Acenaphthene	0.0764	U	0.0297	0.0334	38.9	43.3	1	14.0-127			11.7	27
Acenaphthylene	0.0764	U	0.0312	0.0352	40.8	45.6	1	21.0-124			12.0	25
Benzo(a)anthracene	0.0764	0.00528	0.0435	0.0447	50.0	51.1	1	10.0-139			2.72	30
Benzo(a)pyrene	0.0764	0.00391	0.0439	0.0434	52.3	51.2	1	10.0-141			1.15	31
Benzo(b)fluoranthene	0.0764	0.00539	0.0371	0.0400	41.5	44.8	1	10.0-140			7.52	36
Benzo(g,h,i)perylene	0.0764	0.00230	0.0435	0.0427	53.9	52.3	1	10.0-140			1.86	33
Benzo(k)fluoranthene	0.0764	U	0.0478	0.0459	62.6	59.5	1	10.0-137			4.06	31
Chrysene	0.0764	0.00523	0.0529	0.0537	62.4	62.8	1	10.0-145			1.50	30
Dibenz(a,h)anthracene	0.0764	U	0.0494	0.0475	64.7	61.5	1	10.0-132			3.92	31
Fluoranthene	0.0764	0.0126	0.0346	0.0391	28.8	34.3	1	10.0-153			12.2	33
Fluorene	0.0764	U	0.0315	0.0340	41.2	44.0	1	11.0-130			7.63	29
Indeno(1,2,3-cd)pyrene	0.0764	0.00230	0.0398	0.0384	49.1	46.8	1	10.0-137			3.58	32
Naphthalene	0.0764	0.0111	0.0505	0.0755	51.6	83.4	1	10.0-135		R5	39.7	27
Phenanthrene	0.0764	0.0314	0.0371	0.0718	7.46	52.3	1	10.0-144	M2	R5	63.7	31
Pyrene	0.0764	0.0107	0.0326	0.0379	28.7	35.2	1	10.0-148			15.0	35
1-Methylnaphthalene	0.0764	0.0219	0.0478	0.0865	33.9	83.7	1	10.0-142		R5	57.6	28
2-Methylnaphthalene	0.0764	0.0209	0.0550	0.0937	44.6	94.3	1	10.0-137		R5	52.1	28
2-Chloronaphthalene	0.0764	U	0.0347	0.0367	45.4	47.5	1	29.0-120			5.60	24
(S) p-Terphenyl-d14					*66.7*	*61.2*		*23.0-120*				
(S) Nitrobenzene-d5					*82.9*	*83.2*		*14.0-149*				
(S) 2-Fluorobiphenyl					*57.4*	*46.0*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS37 • File ID: 0228_25

02/28/24 17:58

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0228_25	771715.80	319433.70	307349.80
Upper Limit		1543432	638867	614700
Lower Limit		385858	159717	153675
LCS R4039596-1 WG2236339 1x	0228_25LCS	771715.80	319433.70	307349.80
LCSD R4039596-2 WG2236339 1x	0228_26	721560	298585.90	304560.80
BLANK R4039596-3 WG2236339 1x	0228_30	820550.50	314840.50	300083.50
L1709628-04 WG2236339 1x	0228_31	826207.40	340174.10	307675.80
L1709628-05 WG2236339 1x	0228_32	819557	303933.80	306674.20
L1709628-06 WG2236339 1x	0228_33	853216.90	325738.30	318482.90
L1709628-07 WG2236339 1x	0228_34	810279.10	326694.80	296201.70
L1709628-08 WG2236339 1x	0228_35	851936	329140.50	317044.70
L1709628-09 WG2236339 1x	0228_36	846508	335045.10	303312.20
L1709628-10 WG2236339 1.14x	0228_37	822107.60	330532.20	312334.10
L1709628-11 WG2236339 1x	0228_38	845056.40	327735.60	301351.40
L1709628-12 WG2236339 1x	0228_39	825952.30	324427	293295.30
L1709628-13 WG2236339 1x	0228_40	862334.20	333123.10	315563.90
L1709628-14 WG2236339 1x	0228_41	890885.30	358451.70	302825.90
L1709628-15 WG2236339 1x	0228_42	872359.20	335826.70	311731.40
L1709628-16 WG2236339 1x	0228_43	867613.20	319359.90	296035.40

Instrument: VOCMS57 • File ID: 0228_31

02/28/24 17:59

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0228_31	1105905	462360.50	389511.30
Upper Limit		2211810	924721	779023
Lower Limit		552953	231180	194756
LCS R4040285-1 WG2236314 1x	0228_31LCS	1105905	462360.50	389511.30
LCSD R4040285-2 WG2236314 1x	0228_32	1096711	464136	408811
BLANK R4040285-3 WG2236314 1x	0228_36	1093178	442890.80	373913.80
L1709628-01 WG2236314 1x	0228_57	1185312	487729	415415.80
L1709628-02 WG2236314 1x	0228_58	1185881	490863.50	408490.60
L1709628-03 WG2236314 1x	0228_59	1233336	506047.10	428949.90

INTERNAL STANDARD SUMMARY

Instrument: VOCMS57 • File ID: 0301_02

03/01/24 08:03

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0301_02	1267863	549296.50	456850.40
Upper Limit		2535726	1098593	913701
Lower Limit		633932	274648	228425
LCS R4040433-1 WG2237608 1x	0301_02LCS	1267863	549296.50	456850.40
LCSD R4040433-2 WG2237608 1x	0301_03	1222933	526338	445322.60
BLANK R4040433-3 WG2237608 1x	0301_07	1246071	508851	412016.20
L1709628-17 WG2237608 1x	0301_13	1306976	529532.20	438946.40
L1709628-18 WG2237608 1x	0301_14	1331552	551993	457980.10
L1709628-19 WG2237608 1x	0301_15	1211962	496834.10	415332.10
L1709628-20 WG2237608 1x	0301_16	1291747	543745.60	458601.20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS35 • File ID: 0301_02

03/01/24 09:08

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0301_02	332597	145836	132816
Upper Limit		665194	291672	265632
Lower Limit		166299	72918	66408
LCS R4041117-1 WG2237865 1x	0301_02LCS	332597	145836	132816
LCSD R4041117-2 WG2237865 1x	0301_03	334558	148010	132312
BLANK R4041117-3 WG2237865 1x	0301_05	363512	159807	133128
L1709628-21 WG2237865 1x	0301_07	322795	140880	124895
MS R4041117-4 WG2237865 1x	0301_18	362978	171872	159828
MSD R4041117-5 WG2237865 1x	0301_19	322942	142657	130841

INTERNAL STANDARD SUMMARY

Instrument: BNAMS28 • File ID: 0228A_03

02/28/24 20:52

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0228A_03	35557	18831	36552	32973	31177
Upper Limit		71114	37662	73104	65946	62354
Lower Limit		17779	9416	18276	16487	15589
LCS R4039757-1 WG2235492 1x	0228A_04	35351	18585	36291	32753	30494
BLANK R4039757-2 WG2235492 1x	0228A_05	33006	17341	33447	29050	26698
MS R4039757-3 WG2235492 1x	0228A_09	32393	16944	32363	28852	26778
MSD R4039757-4 WG2235492 1x	0228A_10	32276	16877	32614	28945	27198
L1709628-03 WG2235492 1x	0228A_15	31229	16481	31993	28126	25450
L1709628-12 WG2235492 1x	0228A_16	32391	16896	32788	28488	25418
L1709628-15 WG2235492 1x	0228A_17	33334	17693	33885	29848	26850

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S10	Surrogate recovery was above laboratory and method acceptance limits.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. 270[redacted] 5326**

City/State Collected:

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326-ISC

Lab Project # EncoreTAZ-CircleK

Collected by (print): Tony Baca

Site/Facility ID # CK2705326

P.O. # CK5326-ISC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 1709628
A234

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260AZ 40ml Amb/MeOH	SV8270 PAHSIM 4oz Clr.	Remarks	Sample # (lab only)
SB-4-5	G	SS	5	2/22/24	1150	2	X			-01
SB-4-10	G	SS	10		1156	2	X			-02
SB-4-15	G	SS	15		1213	2	X	X		-03
SB-4-20	G	SS	20		1222	2	X			-04
SB-4-25	G	SS	25		1245	2	X			-05
SB-4-30	G	SS	30		1258	2	X			-06
SB-4-35	G	SS	35		1308	2	X			-07
SB-4-40	G	SS	40		1330	2	X			-08
SB-4-45	G	SS	45		1347	2	X			-09
SB-4-50	G	SS	50		1402	2	X			-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
__ UPS __ FedEx __ Courier __ ___

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	Temp: °C	Bottles Received:	If preservation required by Login: Date/Time
	2/26/24	1322		(2)	DPA9	1.4	
	2/26/24	1800	SNA		DPA9	1.4	

Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
				2-27-24	8:00		

PNPAZ

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. 2705326**

City/State Collected: Chino Valley, Arizona

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326-ISC

Lab Project # EncoreTAZ-CircleK

Collected by (print): Tony Baca

Site/Facility ID # CK2705326

P.O. # CK5326-ISC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: Standard TAT

Quote # 00107122

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 AZ VBmL Amb/MeOH	SV8270 PAHSIM 4 oz Clr.								Remarks	Sample # (lab only)
SB-4-55	G	SS	55	2/22/24	1431	2	X										-11
SB-4-60	G	SS	60	"	1443	2	X	X									-12
SB-4-65	G	SS	65	"	1454	2	X										-13
SB-4-70	G	SS	70	"	1515	2	X										-14
SB-4-75	G	SS	75	2/23/24	0749	2	X	X									-15
SB-4-80	G	SS	80	"	0910	2	X										-16
SB-4-85	G	SS	85	"	1025	2	X										-17
SB-4-90	G	SS	90	"	1125	2	X										-18
SB-4-95	G	SS	95	"	1208	2	X										-19
SB-4-100	G	SS	100	"	1230	2	X										-20

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 1709628

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
	2/26/24	1322		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
	2/26/24	1800	SWA	DPA9 1.4 40:1.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				2-27-24 8:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PNPAZ

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. 270[redacted] 5326**

City/State Collected: Chino Valley, Arizona

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326-ISC

Lab Project # EncoreTAZ-Circle K

Collected by (print): Tony Baca

Site/Facility ID # CK2705326

P.O. # CK5326 - ISC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed: Standard TAT

Chain of Custody Page 3 of 3

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 170628

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk	Analysis / Container / Preservative: VB260 AZ 40mL Amb/MeOH	Remarks	Sample # (lab only)
Trip Blank	-	-	-	-	-	1		X		-21

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
2/26/24	2/26/24	1522	
	2/26/24	1800	SWA
			Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: OPA9 °C Bottles Received: 1.4 to 1.4

If preservation required by Login: Date/Time

Date: 2-27-24 Time: 8:00

Hold:

Condition: NCF / OK

PNDA2

ANALYTICAL REPORT

March 05, 2024

EnCore Consulting, LLC.

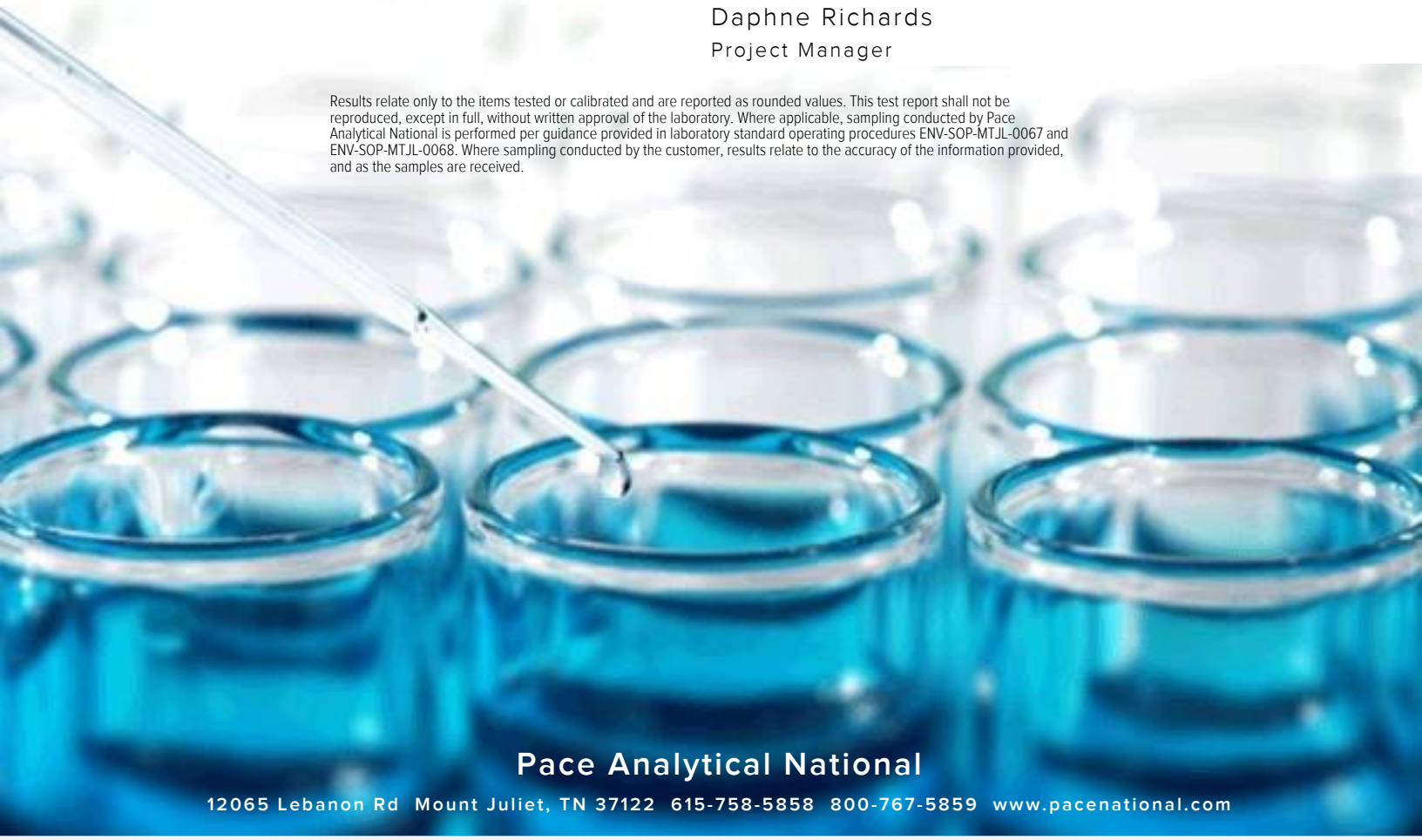
Sample Delivery Group:	L1709628
Samples Received:	02/27/2024
Project Number:	CK2705326-ISC
Description:	Cricle K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-4-5 L1709628-01 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 11:50 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236314	1	02/22/24 11:50	02/29/24 02:55	JHH	Mt. Juliet, TN

SB-4-10 L1709628-02 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 11:56 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236314	1	02/22/24 11:56	02/29/24 03:14	JHH	Mt. Juliet, TN

SB-4-15 L1709628-03 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:13 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236314	1	02/22/24 12:13	02/29/24 03:33	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2235492	1	02/28/24 10:38	02/29/24 00:20	MKM	Mt. Juliet, TN

SB-4-20 L1709628-04 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:22 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 12:22	02/28/24 21:15	DWR	Mt. Juliet, TN

SB-4-25 L1709628-05 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:45 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 12:45	02/28/24 21:35	DWR	Mt. Juliet, TN

SB-4-30 L1709628-06 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 12:58 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 12:58	02/28/24 21:55	DWR	Mt. Juliet, TN

SB-4-35 L1709628-07 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 13:08 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 13:08	02/28/24 22:15	DWR	Mt. Juliet, TN

SB-4-40 L1709628-08 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 13:30 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 13:30	02/28/24 22:35	DWR	Mt. Juliet, TN

SB-4-45 L1709628-09 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 13:47 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 13:47	02/28/24 22:55	DWR	Mt. Juliet, TN

SB-4-50 L1709628-10 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:02 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1.14	02/22/24 14:02	02/28/24 23:15	DWR	Mt. Juliet, TN

SB-4-55 L1709628-11 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:31 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 14:31	02/28/24 23:35	DWR	Mt. Juliet, TN

SB-4-60 L1709628-12 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:43 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 14:43	02/28/24 23:55	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2235492	1	02/28/24 10:38	02/29/24 00:37	MKM	Mt. Juliet, TN

SB-4-65 L1709628-13 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 14:54 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 14:54	02/29/24 00:15	DWR	Mt. Juliet, TN

SB-4-70 L1709628-14 Solid

Collected by: Tony Baca | Collected date/time: 02/22/24 15:15 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/22/24 15:15	02/29/24 00:35	DWR	Mt. Juliet, TN

SB-4-75 L1709628-15 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 07:49 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/23/24 07:49	02/29/24 00:55	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2235492	1	02/28/24 10:38	02/29/24 00:54	MKM	Mt. Juliet, TN

SB-4-80 L1709628-16 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 09:10 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2236339	1	02/23/24 09:10	02/29/24 01:15	DWR	Mt. Juliet, TN

SB-4-85 L1709628-17 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 10:25 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 10:25	03/01/24 12:31	DWR	Mt. Juliet, TN

SB-4-90 L1709628-18 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 11:25 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 11:25	03/01/24 12:50	DWR	Mt. Juliet, TN

SB-4-95 L1709628-19 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 12:08 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 12:08	03/01/24 13:09	DWR	Mt. Juliet, TN

SB-4-100 L1709628-20 Solid

Collected by: Tony Baca | Collected date/time: 02/23/24 12:30 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237608	1	02/23/24 12:30	03/01/24 13:28	DWR	Mt. Juliet, TN

TRIP BLANK L1709628-21 GW

Collected by: Tony Baca | Collected date/time: 02/22/24 00:00 | Received date/time: 02/27/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2237865	1	03/01/24 15:43	03/01/24 15:43	DWR	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1709628-01	SB-4-5	8260B
L1709628-02	SB-4-10	8260B
L1709628-03	SB-4-15	8260B
L1709628-04	SB-4-20	8260B
L1709628-05	SB-4-25	8260B
L1709628-06	SB-4-30	8260B
L1709628-07	SB-4-35	8260B
L1709628-08	SB-4-40	8260B
L1709628-09	SB-4-45	8260B
L1709628-10	SB-4-50	8260B
L1709628-11	SB-4-55	8260B
L1709628-12	SB-4-60	8260B
L1709628-13	SB-4-65	8260B
L1709628-14	SB-4-70	8260B
L1709628-15	SB-4-75	8260B
L1709628-16	SB-4-80	8260B
L1709628-17	SB-4-85	8260B
L1709628-18	SB-4-90	8260B
L1709628-19	SB-4-95	8260B
L1709628-20	SB-4-100	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 02:55	WG2236314
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 02:55	WG2236314
Benzene	U		0.0117	0.0250	1	02/29/2024 02:55	WG2236314
Bromobenzene	U		0.0225	0.313	1	02/29/2024 02:55	WG2236314
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 02:55	WG2236314
Bromoform	U		0.0293	0.625	1	02/29/2024 02:55	WG2236314
Bromomethane	U		0.0493	0.313	1	02/29/2024 02:55	WG2236314
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 02:55	WG2236314
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 02:55	WG2236314
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 02:55	WG2236314
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 02:55	WG2236314
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 02:55	WG2236314
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 02:55	WG2236314
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 02:55	WG2236314
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 02:55	WG2236314
Chloroethane	U		0.0425	0.125	1	02/29/2024 02:55	WG2236314
Chloroform	U		0.0258	0.0625	1	02/29/2024 02:55	WG2236314
Chloromethane	U		0.109	0.313	1	02/29/2024 02:55	WG2236314
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 02:55	WG2236314
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 02:55	WG2236314
Cyclohexane	U	R7	0.0278	0.0625	1	02/29/2024 02:55	WG2236314
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 02:55	WG2236314
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 02:55	WG2236314
Dibromomethane	U		0.0188	0.125	1	02/29/2024 02:55	WG2236314
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 02:55	WG2236314
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 02:55	WG2236314
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 02:55	WG2236314
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 02:55	WG2236314
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 02:55	WG2236314
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 02:55	WG2236314
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 02:55	WG2236314
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 02:55	WG2236314
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 02:55	WG2236314
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 02:55	WG2236314
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 02:55	WG2236314
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 02:55	WG2236314
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 02:55	WG2236314
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 02:55	WG2236314
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 02:55	WG2236314
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 02:55	WG2236314
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 02:55	WG2236314
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 02:55	WG2236314
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 02:55	WG2236314
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 02:55	WG2236314
n-Hexane	U		0.0565	0.125	1	02/29/2024 02:55	WG2236314
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 02:55	WG2236314
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 02:55	WG2236314
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 02:55	WG2236314
Methylene Chloride	U		0.166	0.625	1	02/29/2024 02:55	WG2236314
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 02:55	WG2236314
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 02:55	WG2236314
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 02:55	WG2236314
Naphthalene	U		0.122	0.313	1	02/29/2024 02:55	WG2236314
Propene	U		0.153	1.25	1	02/29/2024 02:55	WG2236314
n-Propylbenzene	U		0.0238	0.125	1	02/29/2024 02:55	WG2236314
Styrene	U		0.00573	0.313	1	02/29/2024 02:55	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 02:55	WG2236314
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 02:55	WG2236314
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 02:55	WG2236314
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 02:55	WG2236314
Toluene	U		0.0325	0.125	1	02/29/2024 02:55	WG2236314
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 02:55	WG2236314
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 02:55	WG2236314
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 02:55	WG2236314
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 02:55	WG2236314
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 02:55	WG2236314
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 02:55	WG2236314
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 02:55	WG2236314
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 02:55	WG2236314
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 02:55	WG2236314
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 02:55	WG2236314
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 02:55	WG2236314
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 02:55	WG2236314
(S) Toluene-d8	*105*			*75.0-131*		*02/29/2024 02:55*	WG2236314
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*		*02/29/2024 02:55*	WG2236314
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*02/29/2024 02:55*	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 03:14	WG2236314
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 03:14	WG2236314
Benzene	U		0.0117	0.0250	1	02/29/2024 03:14	WG2236314
Bromobenzene	U		0.0225	0.313	1	02/29/2024 03:14	WG2236314
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 03:14	WG2236314
Bromoform	U		0.0293	0.625	1	02/29/2024 03:14	WG2236314
Bromomethane	U		0.0493	0.313	1	02/29/2024 03:14	WG2236314
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 03:14	WG2236314
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 03:14	WG2236314
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 03:14	WG2236314
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 03:14	WG2236314
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 03:14	WG2236314
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 03:14	WG2236314
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 03:14	WG2236314
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 03:14	WG2236314
Chloroethane	U		0.0425	0.125	1	02/29/2024 03:14	WG2236314
Chloroform	U		0.0258	0.0625	1	02/29/2024 03:14	WG2236314
Chloromethane	U		0.109	0.313	1	02/29/2024 03:14	WG2236314
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 03:14	WG2236314
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 03:14	WG2236314
Cyclohexane	U	R7	0.0278	0.0625	1	02/29/2024 03:14	WG2236314
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 03:14	WG2236314
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 03:14	WG2236314
Dibromomethane	U		0.0188	0.125	1	02/29/2024 03:14	WG2236314
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 03:14	WG2236314
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 03:14	WG2236314
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 03:14	WG2236314
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 03:14	WG2236314
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 03:14	WG2236314
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 03:14	WG2236314
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 03:14	WG2236314
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 03:14	WG2236314
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 03:14	WG2236314
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 03:14	WG2236314
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 03:14	WG2236314
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 03:14	WG2236314
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 03:14	WG2236314
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 03:14	WG2236314
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 03:14	WG2236314
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 03:14	WG2236314
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 03:14	WG2236314
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 03:14	WG2236314
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 03:14	WG2236314
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 03:14	WG2236314
n-Hexane	U		0.0565	0.125	1	02/29/2024 03:14	WG2236314
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 03:14	WG2236314
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 03:14	WG2236314
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 03:14	WG2236314
Methylene Chloride	U		0.166	0.625	1	02/29/2024 03:14	WG2236314
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 03:14	WG2236314
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 03:14	WG2236314
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 03:14	WG2236314
Naphthalene	U		0.122	0.313	1	02/29/2024 03:14	WG2236314
Propene	U		0.153	1.25	1	02/29/2024 03:14	WG2236314
n-Propylbenzene	U		0.0238	0.125	1	02/29/2024 03:14	WG2236314
Styrene	U		0.00573	0.313	1	02/29/2024 03:14	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 03:14	WG2236314
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 03:14	WG2236314
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 03:14	WG2236314
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 03:14	WG2236314
Toluene	U		0.0325	0.125	1	02/29/2024 03:14	WG2236314
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 03:14	WG2236314
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 03:14	WG2236314
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 03:14	WG2236314
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 03:14	WG2236314
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 03:14	WG2236314
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 03:14	WG2236314
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 03:14	WG2236314
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:14	WG2236314
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:14	WG2236314
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 03:14	WG2236314
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 03:14	WG2236314
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 03:14	WG2236314
(S) Toluene-d8	*105*			*75.0-131*		*02/29/2024 03:14*	WG2236314
(S) 4-Bromofluorobenzene	*95.7*			*67.0-138*		*02/29/2024 03:14*	WG2236314
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*02/29/2024 03:14*	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 03:33	WG2236314
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 03:33	WG2236314
Benzene	U		0.0117	0.0250	1	02/29/2024 03:33	WG2236314
Bromobenzene	U		0.0225	0.313	1	02/29/2024 03:33	WG2236314
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 03:33	WG2236314
Bromoform	U		0.0293	0.625	1	02/29/2024 03:33	WG2236314
Bromomethane	U		0.0493	0.313	1	02/29/2024 03:33	WG2236314
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 03:33	WG2236314
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 03:33	WG2236314
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 03:33	WG2236314
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 03:33	WG2236314
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 03:33	WG2236314
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 03:33	WG2236314
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 03:33	WG2236314
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 03:33	WG2236314
Chloroethane	U		0.0425	0.125	1	02/29/2024 03:33	WG2236314
Chloroform	U		0.0258	0.0625	1	02/29/2024 03:33	WG2236314
Chloromethane	U		0.109	0.313	1	02/29/2024 03:33	WG2236314
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 03:33	WG2236314
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 03:33	WG2236314
Cyclohexane	U	R7	0.0278	0.0625	1	02/29/2024 03:33	WG2236314
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 03:33	WG2236314
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 03:33	WG2236314
Dibromomethane	U		0.0188	0.125	1	02/29/2024 03:33	WG2236314
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 03:33	WG2236314
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 03:33	WG2236314
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 03:33	WG2236314
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 03:33	WG2236314
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 03:33	WG2236314
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 03:33	WG2236314
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 03:33	WG2236314
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 03:33	WG2236314
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 03:33	WG2236314
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 03:33	WG2236314
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 03:33	WG2236314
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 03:33	WG2236314
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 03:33	WG2236314
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 03:33	WG2236314
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 03:33	WG2236314
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 03:33	WG2236314
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 03:33	WG2236314
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 03:33	WG2236314
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 03:33	WG2236314
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 03:33	WG2236314
n-Hexane	U		0.0565	0.125	1	02/29/2024 03:33	WG2236314
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 03:33	WG2236314
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 03:33	WG2236314
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 03:33	WG2236314
Methylene Chloride	U		0.166	0.625	1	02/29/2024 03:33	WG2236314
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 03:33	WG2236314
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 03:33	WG2236314
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 03:33	WG2236314
Naphthalene	U		0.122	0.313	1	02/29/2024 03:33	WG2236314
Propene	U		0.153	1.25	1	02/29/2024 03:33	WG2236314
n-Propylbenzene	U		0.0238	0.125	1	02/29/2024 03:33	WG2236314
Styrene	U		0.00573	0.313	1	02/29/2024 03:33	WG2236314

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 03:33	WG2236314
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 03:33	WG2236314
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 03:33	WG2236314
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 03:33	WG2236314
Toluene	U		0.0325	0.125	1	02/29/2024 03:33	WG2236314
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 03:33	WG2236314
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 03:33	WG2236314
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 03:33	WG2236314
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 03:33	WG2236314
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 03:33	WG2236314
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 03:33	WG2236314
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 03:33	WG2236314
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:33	WG2236314
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 03:33	WG2236314
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 03:33	WG2236314
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 03:33	WG2236314
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 03:33	WG2236314
(S) Toluene-d8	*104*			*75.0-131*		*02/29/2024 03:33*	WG2236314
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*		*02/29/2024 03:33*	WG2236314
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*02/29/2024 03:33*	WG2236314

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/29/2024 00:20	WG2235492
Acenaphthene	U		0.00209	0.00600	1	02/29/2024 00:20	WG2235492
Acenaphthylene	U		0.00216	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(a)anthracene	U		0.00173	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(a)pyrene	U		0.00179	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/29/2024 00:20	WG2235492
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/29/2024 00:20	WG2235492
Chrysene	U		0.00232	0.00600	1	02/29/2024 00:20	WG2235492
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/29/2024 00:20	WG2235492
Fluoranthene	U		0.00227	0.00600	1	02/29/2024 00:20	WG2235492
Fluorene	U		0.00205	0.00600	1	02/29/2024 00:20	WG2235492
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/29/2024 00:20	WG2235492
Naphthalene	U		0.00408	0.0200	1	02/29/2024 00:20	WG2235492
Phenanthrene	U		0.00231	0.00600	1	02/29/2024 00:20	WG2235492
Pyrene	U		0.00200	0.00600	1	02/29/2024 00:20	WG2235492
1-Methylnaphthalene	U		0.00449	0.0200	1	02/29/2024 00:20	WG2235492
2-Methylnaphthalene	U		0.00427	0.0200	1	02/29/2024 00:20	WG2235492
2-Chloronaphthalene	U		0.00466	0.0200	1	02/29/2024 00:20	WG2235492
(S) p-Terphenyl-d14	*79.3*			*23.0-120*		*02/29/2024 00:20*	WG2235492
(S) Nitrobenzene-d5	*86.5*			*14.0-149*		*02/29/2024 00:20*	WG2235492
(S) 2-Fluorobiphenyl	*66.4*			*34.0-125*		*02/29/2024 00:20*	WG2235492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 21:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 21:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 21:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 21:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 21:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 21:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 21:15	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 21:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 21:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 21:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 21:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 21:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 21:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 21:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 21:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 21:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 21:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 21:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 21:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 21:15	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 21:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 21:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 21:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 21:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 21:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 21:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 21:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 21:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 21:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 21:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 21:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 21:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 21:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 21:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 21:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 21:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 21:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 21:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 21:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 21:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 21:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 21:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 21:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 21:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 21:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 21:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 21:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 21:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 21:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 21:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 21:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 21:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 21:15	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 21:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 21:15	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 21:15	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 21:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 21:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 21:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 21:15	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 21:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 21:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 21:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 21:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 21:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 21:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 21:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 21:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 21:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 21:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 21:15	WG2236339
(S) Toluene-d8	*106*			*75.0-131*		*02/28/2024 21:15*	WG2236339
(S) 4-Bromofluorobenzene	*92.2*			*67.0-138*		*02/28/2024 21:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*88.2*			*70.0-130*		*02/28/2024 21:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 21:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 21:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 21:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 21:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 21:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 21:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 21:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 21:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 21:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 21:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 21:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 21:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 21:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 21:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 21:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 21:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 21:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 21:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 21:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 21:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 21:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 21:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 21:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 21:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 21:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 21:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 21:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 21:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 21:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 21:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 21:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 21:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 21:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 21:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 21:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 21:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 21:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 21:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 21:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 21:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 21:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 21:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 21:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 21:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 21:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 21:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 21:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 21:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 21:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 21:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 21:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 21:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 21:35	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 21:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 21:35	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 21:35	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 21:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 21:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 21:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 21:35	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 21:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 21:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 21:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 21:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 21:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 21:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 21:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 21:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 21:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 21:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 21:35	WG2236339
(S) Toluene-d8	*121*			*75.0-131*		*02/28/2024 21:35*	WG2236339
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/28/2024 21:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*		*02/28/2024 21:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 21:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 21:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 21:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 21:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 21:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 21:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 21:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 21:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 21:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 21:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 21:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 21:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 21:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 21:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 21:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 21:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 21:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 21:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 21:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 21:55	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 21:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 21:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 21:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 21:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 21:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 21:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 21:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 21:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 21:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 21:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 21:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 21:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 21:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 21:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 21:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 21:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 21:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 21:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 21:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 21:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 21:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 21:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 21:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 21:55	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 21:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 21:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 21:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 21:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 21:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 21:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 21:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 21:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 21:55	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 21:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 21:55	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 21:55	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 21:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 21:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 21:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 21:55	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 21:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 21:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 21:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 21:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 21:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 21:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 21:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 21:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 21:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 21:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 21:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 21:55	WG2236339
(S) Toluene-d8	*117*			*75.0-131*		*02/28/2024 21:55*	WG2236339
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*02/28/2024 21:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.4*			*70.0-130*		*02/28/2024 21:55*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 22:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 22:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 22:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 22:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 22:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 22:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 22:15	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 22:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 22:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 22:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 22:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 22:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 22:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 22:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 22:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 22:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 22:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 22:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 22:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 22:15	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 22:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 22:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 22:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 22:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 22:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 22:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 22:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 22:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 22:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 22:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 22:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 22:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 22:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 22:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 22:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 22:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 22:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 22:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 22:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 22:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 22:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 22:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 22:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 22:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 22:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 22:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 22:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 22:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 22:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 22:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 22:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 22:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 22:15	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 22:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 22:15	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 22:15	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 22:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 22:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 22:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 22:15	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 22:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 22:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 22:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 22:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 22:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 22:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 22:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 22:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 22:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 22:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 22:15	WG2236339
(S) Toluene-d8	*114*			*75.0-131*		*02/28/2024 22:15*	WG2236339
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*02/28/2024 22:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*89.7*			*70.0-130*		*02/28/2024 22:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 22:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 22:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 22:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 22:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 22:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 22:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 22:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 22:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 22:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 22:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 22:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 22:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 22:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 22:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 22:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 22:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 22:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 22:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 22:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 22:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 22:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 22:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 22:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 22:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 22:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 22:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 22:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 22:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 22:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 22:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 22:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 22:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 22:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 22:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 22:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 22:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 22:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 22:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 22:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 22:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 22:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 22:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 22:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 22:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 22:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 22:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 22:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 22:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 22:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 22:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 22:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 22:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 22:35	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 22:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 22:35	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 22:35	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 22:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 22:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 22:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 22:35	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 22:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 22:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 22:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 22:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 22:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 22:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 22:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 22:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 22:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 22:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 22:35	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/28/2024 22:35*	WG2236339
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*02/28/2024 22:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.3*			*70.0-130*		*02/28/2024 22:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 22:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 22:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 22:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 22:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 22:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 22:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 22:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 22:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 22:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 22:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 22:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 22:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 22:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 22:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 22:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 22:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 22:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 22:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 22:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 22:55	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 22:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 22:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 22:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 22:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 22:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 22:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 22:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 22:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 22:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 22:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 22:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 22:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 22:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 22:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 22:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 22:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 22:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 22:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 22:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 22:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 22:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 22:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 22:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 22:55	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 22:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 22:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 22:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 22:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 22:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 22:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 22:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 22:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 22:55	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 22:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 22:55	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 22:55	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 22:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 22:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 22:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 22:55	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 22:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 22:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 22:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 22:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 22:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 22:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 22:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 22:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 22:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 22:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 22:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 22:55	WG2236339
(S) Toluene-d8	*110*			*75.0-131*		*02/28/2024 22:55*	WG2236339
(S) 4-Bromofluorobenzene	*93.2*			*67.0-138*		*02/28/2024 22:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.2*			*70.0-130*		*02/28/2024 22:55*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.04	1.43	1.14	02/28/2024 23:15	WG2236339
Acrylonitrile	U		0.103	0.356	1.14	02/28/2024 23:15	WG2236339
Benzene	U		0.0133	0.0285	1.14	02/28/2024 23:15	WG2236339
Bromobenzene	U		0.0257	0.356	1.14	02/28/2024 23:15	WG2236339
Bromodichloromethane	U		0.0207	0.0713	1.14	02/28/2024 23:15	WG2236339
Bromoform	U		0.0333	0.713	1.14	02/28/2024 23:15	WG2236339
Bromomethane	U		0.0561	0.356	1.14	02/28/2024 23:15	WG2236339
1,3-Butadiene	U		0.146	0.713	1.14	02/28/2024 23:15	WG2236339
n-Butylbenzene	U		0.150	0.356	1.14	02/28/2024 23:15	WG2236339
sec-Butylbenzene	U		0.0821	0.356	1.14	02/28/2024 23:15	WG2236339
tert-Butylbenzene	U		0.0556	0.143	1.14	02/28/2024 23:15	WG2236339
Carbon disulfide	U		0.0200	0.356	1.14	02/28/2024 23:15	WG2236339
Carbon tetrachloride	U		0.0256	0.143	1.14	02/28/2024 23:15	WG2236339
Chlorobenzene	U		0.00599	0.0713	1.14	02/28/2024 23:15	WG2236339
Chlorodibromomethane	U		0.0174	0.0713	1.14	02/28/2024 23:15	WG2236339
Chloroethane	U		0.0485	0.143	1.14	02/28/2024 23:15	WG2236339
Chloroform	U		0.0294	0.0713	1.14	02/28/2024 23:15	WG2236339
Chloromethane	U		0.124	0.356	1.14	02/28/2024 23:15	WG2236339
2-Chlorotoluene	U		0.0247	0.0713	1.14	02/28/2024 23:15	WG2236339
4-Chlorotoluene	U		0.0128	0.143	1.14	02/28/2024 23:15	WG2236339
Cyclohexane	U		0.0316	0.0713	1.14	02/28/2024 23:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.111	0.713	1.14	02/28/2024 23:15	WG2236339
1,2-Dibromoethane	U		0.0185	0.0713	1.14	02/28/2024 23:15	WG2236339
Dibromomethane	U		0.0214	0.143	1.14	02/28/2024 23:15	WG2236339
1,2-Dichlorobenzene	U		0.0121	0.143	1.14	02/28/2024 23:15	WG2236339
1,3-Dichlorobenzene	U		0.0171	0.143	1.14	02/28/2024 23:15	WG2236339
1,4-Dichlorobenzene	U		0.0200	0.143	1.14	02/28/2024 23:15	WG2236339
Dichlorodifluoromethane	U		0.0459	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1-Dichloroethane	U		0.0140	0.0713	1.14	02/28/2024 23:15	WG2236339
1,2-Dichloroethane	U		0.0185	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1-Dichloroethene	U		0.0173	0.0713	1.14	02/28/2024 23:15	WG2236339
cis-1,2-Dichloroethene	U		0.0209	0.0713	1.14	02/28/2024 23:15	WG2236339
trans-1,2-Dichloroethene	U		0.0296	0.143	1.14	02/28/2024 23:15	WG2236339
1,2-Dichloropropane	U		0.0405	0.143	1.14	02/28/2024 23:15	WG2236339
1,1-Dichloropropene	U		0.0231	0.0713	1.14	02/28/2024 23:15	WG2236339
1,3-Dichloropropane	U		0.0143	0.143	1.14	02/28/2024 23:15	WG2236339
cis-1,3-Dichloropropene	U		0.0216	0.0713	1.14	02/28/2024 23:15	WG2236339
trans-1,3-Dichloropropene	U		0.0325	0.143	1.14	02/28/2024 23:15	WG2236339
2,2-Dichloropropane	U		0.0393	0.0713	1.14	02/28/2024 23:15	WG2236339
Dicyclopentadiene	U		0.0470	0.356	1.14	02/28/2024 23:15	WG2236339
Di-isopropyl ether	U		0.0117	0.0285	1.14	02/28/2024 23:15	WG2236339
Ethylbenzene	U		0.0210	0.0713	1.14	02/28/2024 23:15	WG2236339
4-Ethyltoluene	U		0.0661	0.143	1.14	02/28/2024 23:15	WG2236339
Hexachloro-1,3-butadiene	U		0.171	0.713	1.14	02/28/2024 23:15	WG2236339
n-Hexane	U		0.0644	0.143	1.14	02/28/2024 23:15	WG2236339
Isopropylbenzene	U		0.0121	0.0713	1.14	02/28/2024 23:15	WG2236339
p-Isopropyltoluene	U		0.0727	0.143	1.14	02/28/2024 23:15	WG2236339
2-Butanone (MEK)	U		1.81	2.85	1.14	02/28/2024 23:15	WG2236339
Methylene Chloride	U		0.189	0.713	1.14	02/28/2024 23:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0650	0.713	1.14	02/28/2024 23:15	WG2236339
Methyl tert-butyl ether	U		0.00998	0.0285	1.14	02/28/2024 23:15	WG2236339
Methyl Cyclohexane	U		0.0587	0.143	1.14	02/28/2024 23:15	WG2236339
Naphthalene	U		0.139	0.356	1.14	02/28/2024 23:15	WG2236339
Propene	U		0.174	1.43	1.14	02/28/2024 23:15	WG2236339
n-Propylbenzene	U	L1	0.0271	0.143	1.14	02/28/2024 23:15	WG2236339
Styrene	U		0.00653	0.356	1.14	02/28/2024 23:15	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0270	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0198	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0215	0.0713	1.14	02/28/2024 23:15	WG2236339
Tetrachloroethene	U		0.0255	0.0713	1.14	02/28/2024 23:15	WG2236339
Toluene	U		0.0371	0.143	1.14	02/28/2024 23:15	WG2236339
1,2,3-Trichlorobenzene	U		0.209	0.356	1.14	02/28/2024 23:15	WG2236339
1,2,4-Trichlorobenzene	U		0.125	0.356	1.14	02/28/2024 23:15	WG2236339
1,1,1-Trichloroethane	U		0.0263	0.0713	1.14	02/28/2024 23:15	WG2236339
1,1,2-Trichloroethane	U		0.0170	0.0713	1.14	02/28/2024 23:15	WG2236339
Trichloroethene	U		0.0166	0.0285	1.14	02/28/2024 23:15	WG2236339
Trichlorofluoromethane	U		0.0236	0.0713	1.14	02/28/2024 23:15	WG2236339
1,2,3-Trichloropropane	U		0.0462	0.356	1.14	02/28/2024 23:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0450	0.143	1.14	02/28/2024 23:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0450	0.143	1.14	02/28/2024 23:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0570	0.143	1.14	02/28/2024 23:15	WG2236339
Vinyl chloride	U		0.0331	0.0713	1.14	02/28/2024 23:15	WG2236339
Xylenes, Total	U		0.0251	0.185	1.14	02/28/2024 23:15	WG2236339
(S) Toluene-d8	*111*			*75.0-131*		*02/28/2024 23:15*	WG2236339
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*02/28/2024 23:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*89.3*			*70.0-130*		*02/28/2024 23:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 23:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 23:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 23:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 23:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 23:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 23:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 23:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 23:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 23:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 23:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 23:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 23:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 23:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 23:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 23:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 23:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 23:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 23:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 23:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 23:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/28/2024 23:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 23:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 23:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 23:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 23:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 23:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 23:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 23:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 23:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 23:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 23:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 23:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 23:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 23:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 23:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 23:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 23:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 23:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 23:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 23:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 23:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 23:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 23:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 23:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/28/2024 23:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 23:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 23:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 23:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 23:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 23:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 23:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 23:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 23:35	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 23:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 23:35	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 23:35	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 23:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 23:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 23:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 23:35	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 23:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 23:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 23:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 23:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 23:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 23:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 23:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 23:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 23:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 23:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 23:35	WG2236339
(S) Toluene-d8	*114*			*75.0-131*		*02/28/2024 23:35*	WG2236339
(S) 4-Bromofluorobenzene	*95.4*			*67.0-138*		*02/28/2024 23:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*78.7*			*70.0-130*		*02/28/2024 23:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/28/2024 23:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/28/2024 23:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/28/2024 23:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/28/2024 23:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/28/2024 23:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/28/2024 23:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/28/2024 23:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/28/2024 23:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/28/2024 23:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/28/2024 23:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/28/2024 23:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/28/2024 23:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/28/2024 23:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/28/2024 23:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/28/2024 23:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/28/2024 23:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/28/2024 23:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/28/2024 23:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/28/2024 23:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/28/2024 23:55	WG2236339
Cyclohexane	0.0577	E4	0.0278	0.0625	1	02/28/2024 23:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/28/2024 23:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/28/2024 23:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/28/2024 23:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/28/2024 23:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/28/2024 23:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/28/2024 23:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/28/2024 23:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/28/2024 23:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/28/2024 23:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/28/2024 23:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/28/2024 23:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/28/2024 23:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/28/2024 23:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/28/2024 23:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/28/2024 23:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/28/2024 23:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/28/2024 23:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/28/2024 23:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/28/2024 23:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/28/2024 23:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/28/2024 23:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/28/2024 23:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/28/2024 23:55	WG2236339
n-Hexane	0.0636	E4	0.0565	0.125	1	02/28/2024 23:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/28/2024 23:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/28/2024 23:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/28/2024 23:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/28/2024 23:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/28/2024 23:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/28/2024 23:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/28/2024 23:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/28/2024 23:55	WG2236339
Propene	U		0.153	1.25	1	02/28/2024 23:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/28/2024 23:55	WG2236339
Styrene	U		0.00573	0.313	1	02/28/2024 23:55	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/28/2024 23:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/28/2024 23:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/28/2024 23:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/28/2024 23:55	WG2236339
Toluene	U		0.0325	0.125	1	02/28/2024 23:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/28/2024 23:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/28/2024 23:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/28/2024 23:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/28/2024 23:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/28/2024 23:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/28/2024 23:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/28/2024 23:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/28/2024 23:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/28/2024 23:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/28/2024 23:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/28/2024 23:55	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/28/2024 23:55*	WG2236339
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*02/28/2024 23:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*02/28/2024 23:55*	WG2236339

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/29/2024 00:37	WG2235492
Acenaphthene	U		0.00209	0.00600	1	02/29/2024 00:37	WG2235492
Acenaphthylene	U		0.00216	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(a)anthracene	U		0.00173	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(a)pyrene	U		0.00179	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/29/2024 00:37	WG2235492
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/29/2024 00:37	WG2235492
Chrysene	U		0.00232	0.00600	1	02/29/2024 00:37	WG2235492
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/29/2024 00:37	WG2235492
Fluoranthene	U		0.00227	0.00600	1	02/29/2024 00:37	WG2235492
Fluorene	U		0.00205	0.00600	1	02/29/2024 00:37	WG2235492
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/29/2024 00:37	WG2235492
Naphthalene	U		0.00408	0.0200	1	02/29/2024 00:37	WG2235492
Phenanthrene	U		0.00231	0.00600	1	02/29/2024 00:37	WG2235492
Pyrene	U		0.00200	0.00600	1	02/29/2024 00:37	WG2235492
1-Methylnaphthalene	U		0.00449	0.0200	1	02/29/2024 00:37	WG2235492
2-Methylnaphthalene	0.00602	E4	0.00427	0.0200	1	02/29/2024 00:37	WG2235492
2-Chloronaphthalene	U		0.00466	0.0200	1	02/29/2024 00:37	WG2235492
(S) p-Terphenyl-d14	*77.0*			*23.0-120*		*02/29/2024 00:37*	WG2235492
(S) Nitrobenzene-d5	*86.2*			*14.0-149*		*02/29/2024 00:37*	WG2235492
(S) 2-Fluorobiphenyl	*69.7*			*34.0-125*		*02/29/2024 00:37*	WG2235492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 00:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 00:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 00:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 00:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 00:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 00:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 00:15	WG2236339
1,3-Butadiene	0.360	E4	0.128	0.625	1	02/29/2024 00:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 00:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 00:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 00:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 00:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 00:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 00:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 00:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 00:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 00:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 00:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 00:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 00:15	WG2236339
Cyclohexane	0.0286	E4	0.0278	0.0625	1	02/29/2024 00:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 00:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 00:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 00:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 00:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 00:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 00:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 00:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 00:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 00:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 00:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 00:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 00:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 00:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 00:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 00:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 00:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 00:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 00:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 00:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 00:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 00:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 00:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 00:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 00:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 00:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 00:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 00:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 00:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 00:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 00:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 00:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 00:15	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 00:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 00:15	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 00:15	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 00:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 00:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 00:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 00:15	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 00:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 00:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 00:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 00:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 00:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 00:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 00:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 00:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 00:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 00:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 00:15	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/29/2024 00:15*	WG2236339
(S) 4-Bromofluorobenzene	*95.4*			*67.0-138*		*02/29/2024 00:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*85.8*			*70.0-130*		*02/29/2024 00:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 00:35	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 00:35	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 00:35	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 00:35	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 00:35	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 00:35	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 00:35	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 00:35	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 00:35	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 00:35	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 00:35	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 00:35	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 00:35	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 00:35	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 00:35	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 00:35	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 00:35	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 00:35	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 00:35	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 00:35	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/29/2024 00:35	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 00:35	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 00:35	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 00:35	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 00:35	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 00:35	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 00:35	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 00:35	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 00:35	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 00:35	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 00:35	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 00:35	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 00:35	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 00:35	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 00:35	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 00:35	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 00:35	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 00:35	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 00:35	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 00:35	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 00:35	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 00:35	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 00:35	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 00:35	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 00:35	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 00:35	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 00:35	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 00:35	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 00:35	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 00:35	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 00:35	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 00:35	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 00:35	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 00:35	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 00:35	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 00:35	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 00:35	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 00:35	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 00:35	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 00:35	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 00:35	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 00:35	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 00:35	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 00:35	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 00:35	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 00:35	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 00:35	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 00:35	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:35	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:35	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 00:35	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 00:35	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 00:35	WG2236339
(S) Toluene-d8	*108*			*75.0-131*		*02/29/2024 00:35*	WG2236339
(S) 4-Bromofluorobenzene	*92.2*			*67.0-138*		*02/29/2024 00:35*	WG2236339
(S) 1,2-Dichloroethane-d4	*82.3*			*70.0-130*		*02/29/2024 00:35*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 00:55	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 00:55	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 00:55	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 00:55	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 00:55	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 00:55	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 00:55	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 00:55	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 00:55	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 00:55	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 00:55	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 00:55	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 00:55	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 00:55	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 00:55	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 00:55	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 00:55	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 00:55	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 00:55	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 00:55	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/29/2024 00:55	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 00:55	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 00:55	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 00:55	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 00:55	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 00:55	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 00:55	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 00:55	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 00:55	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 00:55	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 00:55	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 00:55	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 00:55	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 00:55	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 00:55	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 00:55	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 00:55	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 00:55	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 00:55	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 00:55	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 00:55	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 00:55	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 00:55	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 00:55	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 00:55	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 00:55	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 00:55	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 00:55	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 00:55	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 00:55	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 00:55	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 00:55	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 00:55	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 00:55	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 00:55	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 00:55	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 00:55	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 00:55	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 00:55	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 00:55	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 00:55	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 00:55	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 00:55	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 00:55	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 00:55	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 00:55	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 00:55	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 00:55	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:55	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 00:55	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 00:55	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 00:55	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 00:55	WG2236339
(S) Toluene-d8	*114*			*75.0-131*		*02/29/2024 00:55*	WG2236339
(S) 4-Bromofluorobenzene	*91.7*			*67.0-138*		*02/29/2024 00:55*	WG2236339
(S) 1,2-Dichloroethane-d4	*87.3*			*70.0-130*		*02/29/2024 00:55*	WG2236339

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	02/29/2024 00:54	WG2235492
Acenaphthene	U		0.00209	0.00600	1	02/29/2024 00:54	WG2235492
Acenaphthylene	U		0.00216	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(a)anthracene	U		0.00173	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(a)pyrene	U		0.00179	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(b)fluoranthene	U		0.00153	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	02/29/2024 00:54	WG2235492
Benzo(k)fluoranthene	U		0.00215	0.00600	1	02/29/2024 00:54	WG2235492
Chrysene	U		0.00232	0.00600	1	02/29/2024 00:54	WG2235492
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	02/29/2024 00:54	WG2235492
Fluoranthene	U		0.00227	0.00600	1	02/29/2024 00:54	WG2235492
Fluorene	U		0.00205	0.00600	1	02/29/2024 00:54	WG2235492
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	02/29/2024 00:54	WG2235492
Naphthalene	U		0.00408	0.0200	1	02/29/2024 00:54	WG2235492
Phenanthrene	U		0.00231	0.00600	1	02/29/2024 00:54	WG2235492
Pyrene	U		0.00200	0.00600	1	02/29/2024 00:54	WG2235492
1-Methylnaphthalene	U		0.00449	0.0200	1	02/29/2024 00:54	WG2235492
2-Methylnaphthalene	U		0.00427	0.0200	1	02/29/2024 00:54	WG2235492
2-Chloronaphthalene	U		0.00466	0.0200	1	02/29/2024 00:54	WG2235492
(S) p-Terphenyl-d14	*69.0*			*23.0-120*		*02/29/2024 00:54*	WG2235492
(S) Nitrobenzene-d5	*82.4*			*14.0-149*		*02/29/2024 00:54*	WG2235492
(S) 2-Fluorobiphenyl	*71.3*			*34.0-125*		*02/29/2024 00:54*	WG2235492

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	02/29/2024 01:15	WG2236339
Acrylonitrile	U		0.0903	0.313	1	02/29/2024 01:15	WG2236339
Benzene	U		0.0117	0.0250	1	02/29/2024 01:15	WG2236339
Bromobenzene	U		0.0225	0.313	1	02/29/2024 01:15	WG2236339
Bromodichloromethane	U		0.0181	0.0625	1	02/29/2024 01:15	WG2236339
Bromoform	U		0.0293	0.625	1	02/29/2024 01:15	WG2236339
Bromomethane	U		0.0493	0.313	1	02/29/2024 01:15	WG2236339
1,3-Butadiene	U		0.128	0.625	1	02/29/2024 01:15	WG2236339
n-Butylbenzene	U		0.131	0.313	1	02/29/2024 01:15	WG2236339
sec-Butylbenzene	U		0.0720	0.313	1	02/29/2024 01:15	WG2236339
tert-Butylbenzene	U		0.0488	0.125	1	02/29/2024 01:15	WG2236339
Carbon disulfide	U		0.0175	0.313	1	02/29/2024 01:15	WG2236339
Carbon tetrachloride	U		0.0225	0.125	1	02/29/2024 01:15	WG2236339
Chlorobenzene	U		0.00525	0.0625	1	02/29/2024 01:15	WG2236339
Chlorodibromomethane	U		0.0153	0.0625	1	02/29/2024 01:15	WG2236339
Chloroethane	U		0.0425	0.125	1	02/29/2024 01:15	WG2236339
Chloroform	U		0.0258	0.0625	1	02/29/2024 01:15	WG2236339
Chloromethane	U		0.109	0.313	1	02/29/2024 01:15	WG2236339
2-Chlorotoluene	U		0.0216	0.0625	1	02/29/2024 01:15	WG2236339
4-Chlorotoluene	U		0.0113	0.125	1	02/29/2024 01:15	WG2236339
Cyclohexane	U		0.0278	0.0625	1	02/29/2024 01:15	WG2236339
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	02/29/2024 01:15	WG2236339
1,2-Dibromoethane	U		0.0162	0.0625	1	02/29/2024 01:15	WG2236339
Dibromomethane	U		0.0188	0.125	1	02/29/2024 01:15	WG2236339
1,2-Dichlorobenzene	U		0.0106	0.125	1	02/29/2024 01:15	WG2236339
1,3-Dichlorobenzene	U		0.0150	0.125	1	02/29/2024 01:15	WG2236339
1,4-Dichlorobenzene	U		0.0175	0.125	1	02/29/2024 01:15	WG2236339
Dichlorodifluoromethane	U		0.0403	0.0625	1	02/29/2024 01:15	WG2236339
1,1-Dichloroethane	U		0.0123	0.0625	1	02/29/2024 01:15	WG2236339
1,2-Dichloroethane	U		0.0162	0.0625	1	02/29/2024 01:15	WG2236339
1,1-Dichloroethene	U		0.0152	0.0625	1	02/29/2024 01:15	WG2236339
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	02/29/2024 01:15	WG2236339
trans-1,2-Dichloroethene	U		0.0260	0.125	1	02/29/2024 01:15	WG2236339
1,2-Dichloropropane	U		0.0355	0.125	1	02/29/2024 01:15	WG2236339
1,1-Dichloropropene	U		0.0202	0.0625	1	02/29/2024 01:15	WG2236339
1,3-Dichloropropane	U		0.0125	0.125	1	02/29/2024 01:15	WG2236339
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	02/29/2024 01:15	WG2236339
trans-1,3-Dichloropropene	U		0.0285	0.125	1	02/29/2024 01:15	WG2236339
2,2-Dichloropropane	U		0.0345	0.0625	1	02/29/2024 01:15	WG2236339
Dicyclopentadiene	U		0.0413	0.313	1	02/29/2024 01:15	WG2236339
Di-isopropyl ether	U		0.0103	0.0250	1	02/29/2024 01:15	WG2236339
Ethylbenzene	U		0.0184	0.0625	1	02/29/2024 01:15	WG2236339
4-Ethyltoluene	U		0.0580	0.125	1	02/29/2024 01:15	WG2236339
Hexachloro-1,3-butadiene	U		0.150	0.625	1	02/29/2024 01:15	WG2236339
n-Hexane	U		0.0565	0.125	1	02/29/2024 01:15	WG2236339
Isopropylbenzene	U		0.0106	0.0625	1	02/29/2024 01:15	WG2236339
p-Isopropyltoluene	U		0.0638	0.125	1	02/29/2024 01:15	WG2236339
2-Butanone (MEK)	U		1.59	2.50	1	02/29/2024 01:15	WG2236339
Methylene Chloride	U		0.166	0.625	1	02/29/2024 01:15	WG2236339
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	02/29/2024 01:15	WG2236339
Methyl tert-butyl ether	U		0.00875	0.0250	1	02/29/2024 01:15	WG2236339
Methyl Cyclohexane	U		0.0515	0.125	1	02/29/2024 01:15	WG2236339
Naphthalene	U		0.122	0.313	1	02/29/2024 01:15	WG2236339
Propene	U		0.153	1.25	1	02/29/2024 01:15	WG2236339
n-Propylbenzene	U	L1	0.0238	0.125	1	02/29/2024 01:15	WG2236339
Styrene	U		0.00573	0.313	1	02/29/2024 01:15	WG2236339

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	02/29/2024 01:15	WG2236339
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	02/29/2024 01:15	WG2236339
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	02/29/2024 01:15	WG2236339
Tetrachloroethene	U		0.0224	0.0625	1	02/29/2024 01:15	WG2236339
Toluene	U		0.0325	0.125	1	02/29/2024 01:15	WG2236339
1,2,3-Trichlorobenzene	U		0.183	0.313	1	02/29/2024 01:15	WG2236339
1,2,4-Trichlorobenzene	U		0.110	0.313	1	02/29/2024 01:15	WG2236339
1,1,1-Trichloroethane	U		0.0231	0.0625	1	02/29/2024 01:15	WG2236339
1,1,2-Trichloroethane	U		0.0149	0.0625	1	02/29/2024 01:15	WG2236339
Trichloroethene	U		0.0146	0.0250	1	02/29/2024 01:15	WG2236339
Trichlorofluoromethane	U		0.0207	0.0625	1	02/29/2024 01:15	WG2236339
1,2,3-Trichloropropane	U		0.0405	0.313	1	02/29/2024 01:15	WG2236339
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 01:15	WG2236339
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	02/29/2024 01:15	WG2236339
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	02/29/2024 01:15	WG2236339
Vinyl chloride	U		0.0290	0.0625	1	02/29/2024 01:15	WG2236339
Xylenes, Total	U		0.0220	0.163	1	02/29/2024 01:15	WG2236339
(S) Toluene-d8	*116*			*75.0-131*		*02/29/2024 01:15*	WG2236339
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*02/29/2024 01:15*	WG2236339
(S) 1,2-Dichloroethane-d4	*84.9*			*70.0-130*		*02/29/2024 01:15*	WG2236339

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 12:31	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 12:31	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 12:31	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 12:31	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 12:31	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 12:31	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 12:31	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 12:31	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 12:31	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 12:31	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 12:31	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 12:31	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 12:31	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 12:31	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 12:31	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 12:31	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 12:31	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 12:31	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 12:31	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 12:31	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 12:31	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 12:31	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 12:31	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 12:31	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 12:31	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 12:31	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 12:31	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 12:31	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 12:31	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 12:31	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 12:31	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 12:31	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 12:31	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 12:31	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 12:31	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 12:31	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 12:31	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 12:31	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 12:31	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 12:31	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 12:31	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 12:31	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 12:31	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 12:31	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 12:31	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 12:31	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 12:31	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 12:31	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 12:31	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 12:31	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 12:31	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 12:31	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 12:31	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 12:31	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 12:31	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 12:31	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 12:31	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 12:31	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 12:31	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 12:31	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 12:31	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 12:31	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 12:31	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 12:31	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 12:31	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 12:31	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 12:31	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 12:31	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:31	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:31	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 12:31	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 12:31	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 12:31	WG2237608
(S) Toluene-d8	*105*			*75.0-131*		*03/01/2024 12:31*	WG2237608
(S) 4-Bromofluorobenzene	*96.4*			*67.0-138*		*03/01/2024 12:31*	WG2237608
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*03/01/2024 12:31*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 12:50	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 12:50	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 12:50	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 12:50	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 12:50	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 12:50	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 12:50	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 12:50	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 12:50	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 12:50	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 12:50	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 12:50	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 12:50	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 12:50	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 12:50	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 12:50	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 12:50	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 12:50	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 12:50	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 12:50	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 12:50	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 12:50	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 12:50	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 12:50	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 12:50	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 12:50	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 12:50	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 12:50	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 12:50	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 12:50	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 12:50	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 12:50	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 12:50	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 12:50	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 12:50	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 12:50	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 12:50	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 12:50	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 12:50	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 12:50	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 12:50	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 12:50	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 12:50	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 12:50	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 12:50	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 12:50	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 12:50	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 12:50	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 12:50	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 12:50	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 12:50	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 12:50	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 12:50	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 12:50	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 12:50	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 12:50	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 12:50	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 12:50	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 12:50	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 12:50	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 12:50	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 12:50	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 12:50	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 12:50	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 12:50	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 12:50	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 12:50	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 12:50	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:50	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 12:50	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 12:50	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 12:50	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 12:50	WG2237608
(S) Toluene-d8	*104*			*75.0-131*		*03/01/2024 12:50*	WG2237608
(S) 4-Bromofluorobenzene	*97.7*			*67.0-138*		*03/01/2024 12:50*	WG2237608
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*03/01/2024 12:50*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 13:09	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 13:09	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 13:09	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 13:09	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 13:09	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 13:09	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 13:09	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 13:09	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 13:09	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 13:09	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 13:09	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 13:09	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 13:09	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 13:09	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 13:09	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 13:09	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 13:09	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 13:09	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 13:09	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 13:09	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 13:09	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 13:09	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 13:09	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 13:09	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 13:09	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 13:09	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 13:09	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 13:09	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 13:09	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 13:09	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 13:09	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 13:09	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 13:09	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 13:09	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 13:09	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 13:09	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 13:09	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 13:09	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 13:09	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 13:09	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 13:09	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 13:09	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 13:09	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 13:09	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 13:09	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 13:09	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 13:09	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 13:09	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 13:09	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 13:09	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 13:09	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 13:09	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 13:09	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 13:09	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 13:09	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 13:09	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 13:09	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 13:09	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 13:09	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 13:09	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 13:09	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 13:09	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 13:09	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 13:09	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 13:09	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 13:09	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 13:09	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 13:09	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:09	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:09	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 13:09	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 13:09	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 13:09	WG2237608
(S) Toluene-d8	*104*			*75.0-131*		*03/01/2024 13:09*	WG2237608
(S) 4-Bromofluorobenzene	*96.5*			*67.0-138*		*03/01/2024 13:09*	WG2237608
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*		*03/01/2024 13:09*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/01/2024 13:28	WG2237608
Acrylonitrile	U		0.0903	0.313	1	03/01/2024 13:28	WG2237608
Benzene	U		0.0117	0.0250	1	03/01/2024 13:28	WG2237608
Bromobenzene	U		0.0225	0.313	1	03/01/2024 13:28	WG2237608
Bromodichloromethane	U		0.0181	0.0625	1	03/01/2024 13:28	WG2237608
Bromoform	U		0.0293	0.625	1	03/01/2024 13:28	WG2237608
Bromomethane	U		0.0493	0.313	1	03/01/2024 13:28	WG2237608
1,3-Butadiene	U		0.128	0.625	1	03/01/2024 13:28	WG2237608
n-Butylbenzene	U		0.131	0.313	1	03/01/2024 13:28	WG2237608
sec-Butylbenzene	U		0.0720	0.313	1	03/01/2024 13:28	WG2237608
tert-Butylbenzene	U		0.0488	0.125	1	03/01/2024 13:28	WG2237608
Carbon disulfide	U		0.0175	0.313	1	03/01/2024 13:28	WG2237608
Carbon tetrachloride	U		0.0225	0.125	1	03/01/2024 13:28	WG2237608
Chlorobenzene	U		0.00525	0.0625	1	03/01/2024 13:28	WG2237608
Chlorodibromomethane	U		0.0153	0.0625	1	03/01/2024 13:28	WG2237608
Chloroethane	U		0.0425	0.125	1	03/01/2024 13:28	WG2237608
Chloroform	U		0.0258	0.0625	1	03/01/2024 13:28	WG2237608
Chloromethane	U		0.109	0.313	1	03/01/2024 13:28	WG2237608
2-Chlorotoluene	U		0.0216	0.0625	1	03/01/2024 13:28	WG2237608
4-Chlorotoluene	U		0.0113	0.125	1	03/01/2024 13:28	WG2237608
Cyclohexane	U		0.0278	0.0625	1	03/01/2024 13:28	WG2237608
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/01/2024 13:28	WG2237608
1,2-Dibromoethane	U		0.0162	0.0625	1	03/01/2024 13:28	WG2237608
Dibromomethane	U		0.0188	0.125	1	03/01/2024 13:28	WG2237608
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/01/2024 13:28	WG2237608
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/01/2024 13:28	WG2237608
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/01/2024 13:28	WG2237608
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/01/2024 13:28	WG2237608
1,1-Dichloroethane	U		0.0123	0.0625	1	03/01/2024 13:28	WG2237608
1,2-Dichloroethane	U		0.0162	0.0625	1	03/01/2024 13:28	WG2237608
1,1-Dichloroethene	U		0.0152	0.0625	1	03/01/2024 13:28	WG2237608
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/01/2024 13:28	WG2237608
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/01/2024 13:28	WG2237608
1,2-Dichloropropane	U		0.0355	0.125	1	03/01/2024 13:28	WG2237608
1,1-Dichloropropene	U		0.0202	0.0625	1	03/01/2024 13:28	WG2237608
1,3-Dichloropropane	U		0.0125	0.125	1	03/01/2024 13:28	WG2237608
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/01/2024 13:28	WG2237608
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/01/2024 13:28	WG2237608
2,2-Dichloropropane	U		0.0345	0.0625	1	03/01/2024 13:28	WG2237608
Dicyclopentadiene	U		0.0413	0.313	1	03/01/2024 13:28	WG2237608
Di-isopropyl ether	U		0.0103	0.0250	1	03/01/2024 13:28	WG2237608
Ethylbenzene	U		0.0184	0.0625	1	03/01/2024 13:28	WG2237608
4-Ethyltoluene	U		0.0580	0.125	1	03/01/2024 13:28	WG2237608
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/01/2024 13:28	WG2237608
n-Hexane	U		0.0565	0.125	1	03/01/2024 13:28	WG2237608
Isopropylbenzene	U		0.0106	0.0625	1	03/01/2024 13:28	WG2237608
p-Isopropyltoluene	U		0.0638	0.125	1	03/01/2024 13:28	WG2237608
2-Butanone (MEK)	U		1.59	2.50	1	03/01/2024 13:28	WG2237608
Methylene Chloride	U		0.166	0.625	1	03/01/2024 13:28	WG2237608
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/01/2024 13:28	WG2237608
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/01/2024 13:28	WG2237608
Methyl Cyclohexane	U		0.0515	0.125	1	03/01/2024 13:28	WG2237608
Naphthalene	U		0.122	0.313	1	03/01/2024 13:28	WG2237608
Propene	U		0.153	1.25	1	03/01/2024 13:28	WG2237608
n-Propylbenzene	U		0.0238	0.125	1	03/01/2024 13:28	WG2237608
Styrene	U		0.00573	0.313	1	03/01/2024 13:28	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/01/2024 13:28	WG2237608
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/01/2024 13:28	WG2237608
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/01/2024 13:28	WG2237608
Tetrachloroethene	U		0.0224	0.0625	1	03/01/2024 13:28	WG2237608
Toluene	U		0.0325	0.125	1	03/01/2024 13:28	WG2237608
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/01/2024 13:28	WG2237608
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/01/2024 13:28	WG2237608
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/01/2024 13:28	WG2237608
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/01/2024 13:28	WG2237608
Trichloroethene	U		0.0146	0.0250	1	03/01/2024 13:28	WG2237608
Trichlorofluoromethane	U		0.0207	0.0625	1	03/01/2024 13:28	WG2237608
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/01/2024 13:28	WG2237608
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:28	WG2237608
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/01/2024 13:28	WG2237608
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/01/2024 13:28	WG2237608
Vinyl chloride	U		0.0290	0.0625	1	03/01/2024 13:28	WG2237608
Xylenes, Total	U		0.0220	0.163	1	03/01/2024 13:28	WG2237608
(S) Toluene-d8	*103*			*75.0-131*		*03/01/2024 13:28*	WG2237608
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*		*03/01/2024 13:28*	WG2237608
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*03/01/2024 13:28*	WG2237608

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	L1	11.3	50.0	1	03/01/2024 15:43	WG2237865
Acrolein	U		2.54	50.0	1	03/01/2024 15:43	WG2237865
Acrylonitrile	U		0.671	10.0	1	03/01/2024 15:43	WG2237865
Benzene	U		0.0941	1.00	1	03/01/2024 15:43	WG2237865
Bromobenzene	U		0.118	1.00	1	03/01/2024 15:43	WG2237865
Bromodichloromethane	U		0.136	1.00	1	03/01/2024 15:43	WG2237865
Bromoform	U		0.129	1.00	1	03/01/2024 15:43	WG2237865
Bromomethane	U		0.605	5.00	1	03/01/2024 15:43	WG2237865
1,3-Butadiene	U		0.299	2.00	1	03/01/2024 15:43	WG2237865
n-Butylbenzene	U		0.157	1.00	1	03/01/2024 15:43	WG2237865
sec-Butylbenzene	U		0.125	1.00	1	03/01/2024 15:43	WG2237865
tert-Butylbenzene	U		0.127	1.00	1	03/01/2024 15:43	WG2237865
Carbon tetrachloride	U		0.128	1.00	1	03/01/2024 15:43	WG2237865
Carbon disulfide	U		0.0962	1.00	1	03/01/2024 15:43	WG2237865
Chlorobenzene	U		0.116	1.00	1	03/01/2024 15:43	WG2237865
Chlorodibromomethane	U		0.140	1.00	1	03/01/2024 15:43	WG2237865
Chloroethane	U		0.192	5.00	1	03/01/2024 15:43	WG2237865
Chloroform	U		0.111	5.00	1	03/01/2024 15:43	WG2237865
Chloromethane	U		0.960	2.50	1	03/01/2024 15:43	WG2237865
Cyclohexane	U		0.188	1.00	1	03/01/2024 15:43	WG2237865
2-Chlorotoluene	U		0.106	1.00	1	03/01/2024 15:43	WG2237865
4-Chlorotoluene	U		0.114	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/01/2024 15:43	WG2237865
1,2-Dibromoethane	U		0.126	1.00	1	03/01/2024 15:43	WG2237865
Dibromomethane	U		0.122	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dichlorobenzene	U		0.107	1.00	1	03/01/2024 15:43	WG2237865
1,3-Dichlorobenzene	U		0.110	1.00	1	03/01/2024 15:43	WG2237865
1,4-Dichlorobenzene	U		0.120	1.00	1	03/01/2024 15:43	WG2237865
Dichlorodifluoromethane	U		0.374	5.00	1	03/01/2024 15:43	WG2237865
1,1-Dichloroethane	U		0.100	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dichloroethane	U		0.0819	1.00	1	03/01/2024 15:43	WG2237865
1,1-Dichloroethene	U		0.188	1.00	1	03/01/2024 15:43	WG2237865
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/01/2024 15:43	WG2237865
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/01/2024 15:43	WG2237865
1,2-Dichloropropane	U		0.149	1.00	1	03/01/2024 15:43	WG2237865
1,1-Dichloropropene	U		0.142	1.00	1	03/01/2024 15:43	WG2237865
1,3-Dichloropropane	U		0.110	1.00	1	03/01/2024 15:43	WG2237865
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/01/2024 15:43	WG2237865
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/01/2024 15:43	WG2237865
2,2-Dichloropropane	U		0.161	1.00	1	03/01/2024 15:43	WG2237865
Dicyclopentadiene	U		0.253	1.00	1	03/01/2024 15:43	WG2237865
Di-isopropyl ether	U		0.105	1.00	1	03/01/2024 15:43	WG2237865
Ethylbenzene	U		0.137	1.00	1	03/01/2024 15:43	WG2237865
4-Ethyltoluene	U		0.208	1.00	1	03/01/2024 15:43	WG2237865
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/01/2024 15:43	WG2237865
n-Hexane	U		0.749	10.0	1	03/01/2024 15:43	WG2237865
Isopropylbenzene	U		0.105	1.00	1	03/01/2024 15:43	WG2237865
p-Isopropyltoluene	U		0.120	1.00	1	03/01/2024 15:43	WG2237865
2-Butanone (MEK)	U		1.19	10.0	1	03/01/2024 15:43	WG2237865
Methyl Cyclohexane	U		0.660	1.00	1	03/01/2024 15:43	WG2237865
Methylene Chloride	U		0.430	5.00	1	03/01/2024 15:43	WG2237865
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/01/2024 15:43	WG2237865
Methyl tert-butyl ether	U		0.101	1.00	1	03/01/2024 15:43	WG2237865
Naphthalene	U		1.00	5.00	1	03/01/2024 15:43	WG2237865
Propene	U	L1	0.936	2.50	1	03/01/2024 15:43	WG2237865
n-Propylbenzene	U		0.0993	1.00	1	03/01/2024 15:43	WG2237865

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/01/2024 15:43	WG2237865
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/01/2024 15:43	WG2237865
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/01/2024 15:43	WG2237865
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/01/2024 15:43	WG2237865
Tetrachloroethene	U		0.300	1.00	1	03/01/2024 15:43	WG2237865
Toluene	U		0.278	1.00	1	03/01/2024 15:43	WG2237865
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/01/2024 15:43	WG2237865
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/01/2024 15:43	WG2237865
1,1,1-Trichloroethane	U		0.149	1.00	1	03/01/2024 15:43	WG2237865
1,1,2-Trichloroethane	U		0.158	1.00	1	03/01/2024 15:43	WG2237865
Trichloroethene	U		0.190	1.00	1	03/01/2024 15:43	WG2237865
Trichlorofluoromethane	U		0.160	5.00	1	03/01/2024 15:43	WG2237865
1,2,3-Trichloropropane	U		0.237	2.50	1	03/01/2024 15:43	WG2237865
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/01/2024 15:43	WG2237865
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/01/2024 15:43	WG2237865
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/01/2024 15:43	WG2237865
Vinyl chloride	U		0.234	1.00	1	03/01/2024 15:43	WG2237865
Xylenes, Total	U		0.174	3.00	1	03/01/2024 15:43	WG2237865
(S) Toluene-d8	*96.9*			*80.0-120*		*03/01/2024 15:43*	WG2237865
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*		*03/01/2024 15:43*	WG2237865
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*		*03/01/2024 15:43*	WG2237865

Method Blank (MB)

(MB) R4040285-3 02/28/24 19:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4040285-3 02/28/24 19:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040285-1 02/28/24 17:59 • (LCSD) R4040285-2 02/28/24 18:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.676	0.653	108	104	30.0-160			3.46	31
Acrylonitrile	0.625	0.627	0.644	100	103	45.0-153			2.68	22
Benzene	0.125	0.119	0.111	95.2	88.8	70.0-123			6.96	20
Bromobenzene	0.125	0.140	0.130	112	104	73.0-121			7.41	20
Bromodichloromethane	0.125	0.111	0.108	88.8	86.4	73.0-121			2.74	20
Bromoform	0.125	0.118	0.116	94.4	92.8	64.0-132			1.71	20
Bromomethane	0.125	0.129	0.120	103	96.0	56.0-147			7.23	20
1,3-Butadiene	0.125	0.132	0.117	106	93.6	32.0-150			12.0	20
n-Butylbenzene	0.125	0.130	0.115	104	92.0	68.0-135			12.2	20
sec-Butylbenzene	0.125	0.144	0.129	115	103	74.0-130			11.0	20
tert-Butylbenzene	0.125	0.135	0.122	108	97.6	75.0-127			10.1	20
Carbon disulfide	0.125	0.121	0.108	96.8	86.4	56.0-133			11.4	20
Carbon tetrachloride	0.125	0.126	0.120	101	96.0	66.0-128			4.88	20
Chlorobenzene	0.125	0.131	0.123	105	98.4	76.0-128			6.30	20
Chlorodibromomethane	0.125	0.123	0.119	98.4	95.2	74.0-127			3.31	20
Chloroethane	0.125	0.126	0.118	101	94.4	61.0-134			6.56	20
Chloroform	0.125	0.116	0.110	92.8	88.0	72.0-123			5.31	20
Chloromethane	0.125	0.131	0.121	105	96.8	51.0-138			7.94	20
2-Chlorotoluene	0.125	0.134	0.121	107	96.8	75.0-124			10.2	20
4-Chlorotoluene	0.125	0.131	0.122	105	97.6	75.0-124			7.11	20
Cyclohexane	0.125	0.114	0.0901	91.2	72.1	70.0-130		R7	23.4	20
1,2-Dibromo-3-Chloropropane	0.125	0.109	0.108	87.2	86.4	59.0-130			0.922	20
1,2-Dibromoethane	0.125	0.121	0.118	96.8	94.4	74.0-128			2.51	20
Dibromomethane	0.125	0.119	0.114	95.2	91.2	75.0-122			4.29	20
1,2-Dichlorobenzene	0.125	0.128	0.121	102	96.8	76.0-124			5.62	20
1,3-Dichlorobenzene	0.125	0.130	0.119	104	95.2	76.0-125			8.84	20
1,4-Dichlorobenzene	0.125	0.130	0.122	104	97.6	77.0-121			6.35	20
Dichlorodifluoromethane	0.125	0.116	0.106	92.8	84.8	43.0-156			9.01	20
1,1-Dichloroethane	0.125	0.125	0.119	100	95.2	70.0-127			4.92	20
1,2-Dichloroethane	0.125	0.112	0.110	89.6	88.0	65.0-131			1.80	20
1,1-Dichloroethene	0.125	0.124	0.110	99.2	88.0	65.0-131			12.0	20
cis-1,2-Dichloroethene	0.125	0.114	0.112	91.2	89.6	73.0-125			1.77	20
trans-1,2-Dichloroethene	0.125	0.123	0.116	98.4	92.8	71.0-125			5.86	20
1,2-Dichloropropane	0.125	0.122	0.117	97.6	93.6	74.0-125			4.18	20
1,1-Dichloropropene	0.125	0.132	0.117	106	93.6	73.0-125			12.0	20
1,3-Dichloropropane	0.125	0.128	0.123	102	98.4	80.0-125			3.98	20
cis-1,3-Dichloropropene	0.125	0.118	0.111	94.4	88.8	76.0-127			6.11	20
trans-1,3-Dichloropropene	0.125	0.119	0.114	95.2	91.2	73.0-127			4.29	20
2,2-Dichloropropane	0.125	0.115	0.111	92.0	88.8	59.0-135			3.54	20
Dicyclopentadiene	0.125	0.137	0.124	110	99.2	71.0-132			9.96	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040285-1 02/28/24 17:59 • (LCSD) R4040285-2 02/28/24 18:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.118	0.114	94.4	91.2	60.0-136			3.45	20
Ethylbenzene	0.125	0.131	0.122	105	97.6	74.0-126			7.11	20
4-Ethyltoluene	0.125	0.140	0.122	112	97.6	71.0-129			13.7	20
Hexachloro-1,3-butadiene	0.125	0.117	0.101	93.6	80.8	57.0-150			14.7	20
n-Hexane	0.125	0.115	0.103	92.0	82.4	55.0-137			11.0	20
Isopropylbenzene	0.125	0.139	0.131	111	105	72.0-127			5.93	20
p-Isopropyltoluene	0.125	0.141	0.127	113	102	72.0-133			10.4	20
2-Butanone (MEK)	0.625	0.613	0.632	98.1	101	30.0-160			3.05	24
Methylene Chloride	0.125	0.112	0.108	89.6	86.4	68.0-123			3.64	20
4-Methyl-2-pentanone (MIBK)	0.625	0.708	0.677	113	108	56.0-143			4.48	20
Methyl tert-butyl ether	0.125	0.118	0.115	94.4	92.0	66.0-132			2.58	20
Methyl Cyclohexane	0.125	0.116	0.102	92.8	81.6	67.0-129			12.8	20
Naphthalene	0.125	0.0836	0.0837	66.9	67.0	59.0-130			0.120	20
Propene	0.125	0.0940	0.0925	75.2	74.0	30.0-160			1.61	20
n-Propylbenzene	0.125	0.145	0.127	116	102	74.0-126			13.2	20
Styrene	0.125	0.122	0.117	97.6	93.6	72.0-127			4.18	20
1,1,1,2-Tetrachloroethane	0.125	0.124	0.119	99.2	95.2	74.0-129			4.12	20
1,1,2,2-Tetrachloroethane	0.125	0.118	0.115	94.4	92.0	68.0-128			2.58	20
1,1,2-Trichlorotrifluoroethane	0.125	0.119	0.108	95.2	86.4	61.0-139			9.69	20
Tetrachloroethene	0.125	0.138	0.124	110	99.2	70.0-136			10.7	20
Toluene	0.125	0.133	0.121	106	96.8	75.0-121			9.45	20
1,2,3-Trichlorobenzene	0.125	0.105	0.0992	84.0	79.4	59.0-139			5.68	20
1,2,4-Trichlorobenzene	0.125	0.111	0.105	88.8	84.0	62.0-137			5.56	20
1,1,1-Trichloroethane	0.125	0.134	0.123	107	98.4	69.0-126			8.56	20
1,1,2-Trichloroethane	0.125	0.125	0.119	100	95.2	78.0-123			4.92	20
Trichloroethene	0.125	0.136	0.126	109	101	76.0-126			7.63	20
Trichlorofluoromethane	0.125	0.119	0.107	95.2	85.6	61.0-142			10.6	20
1,2,3-Trichloropropane	0.125	0.135	0.130	108	104	67.0-129			3.77	20
1,2,4-Trimethylbenzene	0.125	0.136	0.122	109	97.6	70.0-126			10.9	20
1,2,3-Trimethylbenzene	0.125	0.129	0.119	103	95.2	74.0-124			8.06	20
1,3,5-Trimethylbenzene	0.125	0.133	0.123	106	98.4	73.0-127			7.81	20
Vinyl chloride	0.125	0.131	0.123	105	98.4	63.0-134			6.30	20
Xylenes, Total	0.375	0.396	0.370	106	98.7	72.0-127			6.79	20
(S) Toluene-d8				*103*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.4*	*97.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*96.4*	*95.8*	*70.0-130*				

Method Blank (MB)

(MB) R4039596-3 02/28/24 19:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4039596-3 02/28/24 19:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*114*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039596-1 02/28/24 17:58 • (LCSD) R4039596-2 02/28/24 18:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.408	0.495	65.3	79.2	30.0-160			19.3	31
Acrylonitrile	0.625	0.521	0.580	83.4	92.8	45.0-153			10.7	22
Benzene	0.125	0.124	0.121	99.2	96.8	70.0-123			2.45	20
Bromobenzene	0.125	0.137	0.135	110	108	73.0-121			1.47	20
Bromodichloromethane	0.125	0.109	0.109	87.2	87.2	73.0-121			0.000	20
Bromoform	0.125	0.0979	0.0990	78.3	79.2	64.0-132			1.12	20
Bromomethane	0.125	0.133	0.128	106	102	56.0-147			3.83	20
1,3-Butadiene	0.125	0.107	0.102	85.6	81.6	32.0-150			4.78	20
n-Butylbenzene	0.125	0.142	0.127	114	102	68.0-135			11.2	20
sec-Butylbenzene	0.125	0.149	0.137	119	110	74.0-130			8.39	20
tert-Butylbenzene	0.125	0.151	0.147	121	118	75.0-127			2.68	20
Carbon disulfide	0.125	0.0986	0.0978	78.9	78.2	56.0-133			0.815	20
Carbon tetrachloride	0.125	0.112	0.112	89.6	89.6	66.0-128			0.000	20
Chlorobenzene	0.125	0.143	0.143	114	114	76.0-128			0.000	20
Chlorodibromomethane	0.125	0.109	0.109	87.2	87.2	74.0-127			0.000	20
Chloroethane	0.125	0.105	0.107	84.0	85.6	61.0-134			1.89	20
Chloroform	0.125	0.103	0.104	82.4	83.2	72.0-123			0.966	20
Chloromethane	0.125	0.101	0.102	80.8	81.6	51.0-138			0.985	20
2-Chlorotoluene	0.125	0.126	0.131	101	105	75.0-124			3.89	20
4-Chlorotoluene	0.125	0.145	0.135	116	108	75.0-124			7.14	20
Cyclohexane	0.125	0.0969	0.0920	77.5	73.6	70.0-130			5.19	20
1,2-Dibromo-3-Chloropropane	0.125	0.120	0.106	96.0	84.8	59.0-130			12.4	20
1,2-Dibromoethane	0.125	0.125	0.113	100	90.4	74.0-128			10.1	20
Dibromomethane	0.125	0.110	0.111	88.0	88.8	75.0-122			0.905	20
1,2-Dichlorobenzene	0.125	0.141	0.136	113	109	76.0-124			3.61	20
1,3-Dichlorobenzene	0.125	0.143	0.138	114	110	76.0-125			3.56	20
1,4-Dichlorobenzene	0.125	0.133	0.126	106	101	77.0-121			5.41	20
Dichlorodifluoromethane	0.125	0.124	0.117	99.2	93.6	43.0-156			5.81	20
1,1-Dichloroethane	0.125	0.104	0.110	83.2	88.0	70.0-127			5.61	20
1,2-Dichloroethane	0.125	0.0999	0.105	79.9	84.0	65.0-131			4.98	20
1,1-Dichloroethene	0.125	0.104	0.109	83.2	87.2	65.0-131			4.69	20
cis-1,2-Dichloroethene	0.125	0.113	0.117	90.4	93.6	73.0-125			3.48	20
trans-1,2-Dichloroethene	0.125	0.110	0.106	88.0	84.8	71.0-125			3.70	20
1,2-Dichloropropane	0.125	0.109	0.0952	87.2	76.2	74.0-125			13.5	20
1,1-Dichloropropene	0.125	0.111	0.117	88.8	93.6	73.0-125			5.26	20
1,3-Dichloropropane	0.125	0.121	0.125	96.8	100	80.0-125			3.25	20
cis-1,3-Dichloropropene	0.125	0.108	0.106	86.4	84.8	76.0-127			1.87	20
trans-1,3-Dichloropropene	0.125	0.118	0.114	94.4	91.2	73.0-127			3.45	20
2,2-Dichloropropane	0.125	0.129	0.126	103	101	59.0-135			2.35	20
Dicyclopentadiene	0.125	0.152	0.141	122	113	71.0-132			7.51	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039596-1 02/28/24 17:58 • (LCSD) R4039596-2 02/28/24 18:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.110	0.111	88.0	88.8	60.0-136			0.905	20
Ethylbenzene	0.125	0.139	0.139	111	111	74.0-126			0.000	20
4-Ethyltoluene	0.125	0.144	0.137	115	110	71.0-129			4.98	20
Hexachloro-1,3-butadiene	0.125	0.141	0.122	113	97.6	57.0-150			14.4	20
n-Hexane	0.125	0.0874	0.0948	69.9	75.8	55.0-137			8.12	20
Isopropylbenzene	0.125	0.133	0.133	106	106	72.0-127			0.000	20
p-Isopropyltoluene	0.125	0.158	0.151	126	121	72.0-133			4.53	20
2-Butanone (MEK)	0.625	0.581	0.587	93.0	93.9	30.0-160			1.03	24
Methylene Chloride	0.125	0.105	0.108	84.0	86.4	68.0-123			2.82	20
4-Methyl-2-pentanone (MIBK)	0.625	0.666	0.678	107	108	56.0-143			1.79	20
Methyl tert-butyl ether	0.125	0.121	0.117	96.8	93.6	66.0-132			3.36	20
Methyl Cyclohexane	0.125	0.0929	0.0890	74.3	71.2	67.0-129			4.29	20
Naphthalene	0.125	0.152	0.151	122	121	59.0-130			0.660	20
Propene	0.125	0.0722	0.0798	57.8	63.8	30.0-160			10.0	20
n-Propylbenzene	0.125	0.159	0.138	127	110	74.0-126	L1		14.1	20
Styrene	0.125	0.118	0.117	94.4	93.6	72.0-127			0.851	20
1,1,1,2-Tetrachloroethane	0.125	0.115	0.115	92.0	92.0	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.142	0.138	114	110	68.0-128			2.86	20
1,1,2-Trichlorotrifluoroethane	0.125	0.0997	0.107	79.8	85.6	61.0-139			7.06	20
Tetrachloroethene	0.125	0.132	0.136	106	109	70.0-136			2.99	20
Toluene	0.125	0.137	0.134	110	107	75.0-121			2.21	20
1,2,3-Trichlorobenzene	0.125	0.133	0.131	106	105	59.0-139			1.52	20
1,2,4-Trichlorobenzene	0.125	0.168	0.144	134	115	62.0-137			15.4	20
1,1,1-Trichloroethane	0.125	0.113	0.107	90.4	85.6	69.0-126			5.45	20
1,1,2-Trichloroethane	0.125	0.128	0.126	102	101	78.0-123			1.57	20
Trichloroethene	0.125	0.107	0.103	85.6	82.4	76.0-126			3.81	20
Trichlorofluoromethane	0.125	0.102	0.110	81.6	88.0	61.0-142			7.55	20
1,2,3-Trichloropropane	0.125	0.124	0.128	99.2	102	67.0-129			3.17	20
1,2,4-Trimethylbenzene	0.125	0.145	0.149	116	119	70.0-126			2.72	20
1,2,3-Trimethylbenzene	0.125	0.140	0.137	112	110	74.0-124			2.17	20
1,3,5-Trimethylbenzene	0.125	0.146	0.127	117	102	73.0-127			13.9	20
Vinyl chloride	0.125	0.118	0.112	94.4	89.6	63.0-134			5.22	20
Xylenes, Total	0.375	0.424	0.378	113	101	72.0-127			11.5	20
(S) Toluene-d8				*107*	*109*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.9*	*98.3*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*94.6*	*94.6*	*70.0-130*				

Method Blank (MB)

(MB) R4040433-3 03/01/24 09:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4040433-3 03/01/24 09:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040433-1 03/01/24 08:03 • (LCSD) R4040433-2 03/01/24 08:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.651	0.682	104	109	30.0-160			4.65	31
Acrylonitrile	0.625	0.660	0.666	106	107	45.0-153			0.905	22
Benzene	0.125	0.116	0.117	92.8	93.6	70.0-123			0.858	20
Bromobenzene	0.125	0.129	0.136	103	109	73.0-121			5.28	20
Bromodichloromethane	0.125	0.109	0.114	87.2	91.2	73.0-121			4.48	20
Bromoform	0.125	0.105	0.113	84.0	90.4	64.0-132			7.34	20
Bromomethane	0.125	0.114	0.120	91.2	96.0	56.0-147			5.13	20
1,3-Butadiene	0.125	0.123	0.131	98.4	105	32.0-150			6.30	20
n-Butylbenzene	0.125	0.111	0.123	88.8	98.4	68.0-135			10.3	20
sec-Butylbenzene	0.125	0.128	0.142	102	114	74.0-130			10.4	20
tert-Butylbenzene	0.125	0.121	0.131	96.8	105	75.0-127			7.94	20
Carbon disulfide	0.125	0.116	0.113	92.8	90.4	56.0-133			2.62	20
Carbon tetrachloride	0.125	0.130	0.131	104	105	66.0-128			0.766	20
Chlorobenzene	0.125	0.123	0.128	98.4	102	76.0-128			3.98	20
Chlorodibromomethane	0.125	0.115	0.119	92.0	95.2	74.0-127			3.42	20
Chloroethane	0.125	0.112	0.125	89.6	100	61.0-134			11.0	20
Chloroform	0.125	0.114	0.116	91.2	92.8	72.0-123			1.74	20
Chloromethane	0.125	0.116	0.124	92.8	99.2	51.0-138			6.67	20
2-Chlorotoluene	0.125	0.127	0.131	102	105	75.0-124			3.10	20
4-Chlorotoluene	0.125	0.130	0.135	104	108	75.0-124			3.77	20
Cyclohexane	0.125	0.0995	0.116	79.6	92.8	70.0-130			15.3	20
1,2-Dibromo-3-Chloropropane	0.125	0.105	0.110	84.0	88.0	59.0-130			4.65	20
1,2-Dibromoethane	0.125	0.115	0.121	92.0	96.8	74.0-128			5.08	20
Dibromomethane	0.125	0.118	0.121	94.4	96.8	75.0-122			2.51	20
1,2-Dichlorobenzene	0.125	0.122	0.131	97.6	105	76.0-124			7.11	20
1,3-Dichlorobenzene	0.125	0.120	0.123	96.0	98.4	76.0-125			2.47	20
1,4-Dichlorobenzene	0.125	0.119	0.127	95.2	102	77.0-121			6.50	20
Dichlorodifluoromethane	0.125	0.110	0.112	88.0	89.6	43.0-156			1.80	20
1,1-Dichloroethane	0.125	0.125	0.130	100	104	70.0-127			3.92	20
1,2-Dichloroethane	0.125	0.118	0.118	94.4	94.4	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.125	0.127	100	102	65.0-131			1.59	20
cis-1,2-Dichloroethene	0.125	0.110	0.114	88.0	91.2	73.0-125			3.57	20
trans-1,2-Dichloroethene	0.125	0.116	0.125	92.8	100	71.0-125			7.47	20
1,2-Dichloropropane	0.125	0.122	0.124	97.6	99.2	74.0-125			1.63	20
1,1-Dichloropropene	0.125	0.130	0.133	104	106	73.0-125			2.28	20
1,3-Dichloropropane	0.125	0.123	0.127	98.4	102	80.0-125			3.20	20
cis-1,3-Dichloropropene	0.125	0.111	0.118	88.8	94.4	76.0-127			6.11	20
trans-1,3-Dichloropropene	0.125	0.112	0.120	89.6	96.0	73.0-127			6.90	20
2,2-Dichloropropane	0.125	0.100	0.107	80.0	85.6	59.0-135			6.76	20
Dicyclopentadiene	0.125	0.125	0.133	100	106	71.0-132			6.20	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040433-1 03/01/24 08:03 • (LCSD) R4040433-2 03/01/24 08:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.124	0.123	99.2	98.4	60.0-136			0.810	20
Ethylbenzene	0.125	0.123	0.129	98.4	103	74.0-126			4.76	20
4-Ethyltoluene	0.125	0.127	0.135	102	108	71.0-129			6.11	20
Hexachloro-1,3-butadiene	0.125	0.0968	0.117	77.4	93.6	57.0-150			18.9	20
n-Hexane	0.125	0.107	0.106	85.6	84.8	55.0-137			0.939	20
Isopropylbenzene	0.125	0.127	0.137	102	110	72.0-127			7.58	20
p-Isopropyltoluene	0.125	0.126	0.137	101	110	72.0-133			8.37	20
2-Butanone (MEK)	0.625	0.632	0.654	101	105	30.0-160			3.42	24
Methylene Chloride	0.125	0.117	0.116	93.6	92.8	68.0-123			0.858	20
4-Methyl-2-pentanone (MIBK)	0.625	0.711	0.727	114	116	56.0-143			2.23	20
Methyl tert-butyl ether	0.125	0.128	0.117	102	93.6	66.0-132			8.98	20
Methyl Cyclohexane	0.125	0.115	0.116	92.0	92.8	67.0-129			0.866	20
Naphthalene	0.125	0.0807	0.0967	64.6	77.4	59.0-130			18.0	20
Propene	0.125	0.103	0.0878	82.4	70.2	30.0-160			15.9	20
n-Propylbenzene	0.125	0.130	0.141	104	113	74.0-126			8.12	20
Styrene	0.125	0.116	0.121	92.8	96.8	72.0-127			4.22	20
1,1,1,2-Tetrachloroethane	0.125	0.115	0.121	92.0	96.8	74.0-129			5.08	20
1,1,2,2-Tetrachloroethane	0.125	0.108	0.108	86.4	86.4	68.0-128			0.000	20
1,1,2-Trichlorotrifluoroethane	0.125	0.124	0.124	99.2	99.2	61.0-139			0.000	20
Tetrachloroethene	0.125	0.123	0.132	98.4	106	70.0-136			7.06	20
Toluene	0.125	0.123	0.131	98.4	105	75.0-121			6.30	20
1,2,3-Trichlorobenzene	0.125	0.0904	0.106	72.3	84.8	59.0-139			15.9	20
1,2,4-Trichlorobenzene	0.125	0.0965	0.112	77.2	89.6	62.0-137			14.9	20
1,1,1-Trichloroethane	0.125	0.131	0.133	105	106	69.0-126			1.52	20
1,1,2-Trichloroethane	0.125	0.120	0.123	96.0	98.4	78.0-123			2.47	20
Trichloroethene	0.125	0.136	0.140	109	112	76.0-126			2.90	20
Trichlorofluoromethane	0.125	0.116	0.120	92.8	96.0	61.0-142			3.39	20
1,2,3-Trichloropropane	0.125	0.132	0.135	106	108	67.0-129			2.25	20
1,2,4-Trimethylbenzene	0.125	0.126	0.132	101	106	70.0-126			4.65	20
1,2,3-Trimethylbenzene	0.125	0.119	0.128	95.2	102	74.0-124			7.29	20
1,3,5-Trimethylbenzene	0.125	0.126	0.134	101	107	73.0-127			6.15	20
Vinyl chloride	0.125	0.116	0.123	92.8	98.4	63.0-134			5.86	20
Xylenes, Total	0.375	0.370	0.391	98.7	104	72.0-127			5.52	20
(S) Toluene-d8				*101*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.8*	*96.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*100*	*99.4*	*70.0-130*				

Method Blank (MB)

(MB) R4041117-3 03/01/24 12:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	0.136	E4	0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4041117-3 03/01/24 12:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	0.193	E4	0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*96.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4041117-1 03/01/24 09:08 • (LCSD) R4041117-2 03/01/24 09:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	51.4	53.5	206	214	19.0-160	L1	L1	4.00	27
Acrolein	25.0	22.9	23.7	91.6	94.8	30.0-160			3.43	26
Acrylonitrile	25.0	32.3	35.0	129	140	55.0-149			8.02	20
Benzene	5.00	5.32	5.27	106	105	70.0-123			0.944	20
Bromobenzene	5.00	5.22	5.36	104	107	73.0-121			2.65	20
Bromodichloromethane	5.00	5.56	5.58	111	112	75.0-120			0.359	20
Bromoform	5.00	4.78	4.83	95.6	96.6	68.0-132			1.04	20
Bromomethane	5.00	4.52	4.62	90.4	92.4	30.0-160			2.19	25
1,3-Butadiene	5.00	4.32	4.05	86.4	81.0	45.0-147			6.45	20
n-Butylbenzene	5.00	4.34	4.66	86.8	93.2	73.0-125			7.11	20
sec-Butylbenzene	5.00	4.91	4.94	98.2	98.8	75.0-125			0.609	20
tert-Butylbenzene	5.00	4.80	4.83	96.0	96.6	76.0-124			0.623	20
Carbon tetrachloride	5.00	5.94	5.78	119	116	68.0-126			2.73	20
Carbon disulfide	5.00	5.37	5.33	107	107	61.0-128			0.748	20
Chlorobenzene	5.00	4.93	4.87	98.6	97.4	80.0-121			1.22	20
Chlorodibromomethane	5.00	4.79	4.73	95.8	94.6	77.0-125			1.26	20
Chloroethane	5.00	4.99	5.05	99.8	101	47.0-150			1.20	20
Chloroform	5.00	5.55	5.58	111	112	73.0-120			0.539	20
Chloromethane	5.00	6.65	6.60	133	132	41.0-142			0.755	20
Cyclohexane	5.00	5.38	5.16	108	103	71.0-124			4.17	20
2-Chlorotoluene	5.00	5.17	5.25	103	105	76.0-123			1.54	20
4-Chlorotoluene	5.00	4.99	5.26	99.8	105	75.0-122			5.27	20
1,2-Dibromo-3-Chloropropane	5.00	3.87	4.24	77.4	84.8	58.0-134			9.12	20
1,2-Dibromoethane	5.00	4.90	4.95	98.0	99.0	80.0-122			1.02	20
Dibromomethane	5.00	5.10	5.33	102	107	80.0-120			4.41	20
1,2-Dichlorobenzene	5.00	4.66	4.77	93.2	95.4	79.0-121			2.33	20
1,3-Dichlorobenzene	5.00	4.79	4.85	95.8	97.0	79.0-120			1.24	20
1,4-Dichlorobenzene	5.00	4.84	4.94	96.8	98.8	79.0-120			2.04	20
Dichlorodifluoromethane	5.00	7.23	6.70	145	134	51.0-149			7.61	20
1,1-Dichloroethane	5.00	5.62	5.71	112	114	70.0-126			1.59	20
1,2-Dichloroethane	5.00	6.19	6.21	124	124	70.0-128			0.323	20
1,1-Dichloroethene	5.00	5.45	5.23	109	105	71.0-124			4.12	20
cis-1,2-Dichloroethene	5.00	5.15	5.07	103	101	73.0-120			1.57	20
trans-1,2-Dichloroethene	5.00	5.37	5.44	107	109	73.0-120			1.30	20
1,2-Dichloropropane	5.00	5.50	5.35	110	107	77.0-125			2.76	20
1,1-Dichloropropene	5.00	5.75	5.74	115	115	74.0-126			0.174	20
1,3-Dichloropropane	5.00	5.13	5.25	103	105	80.0-120			2.31	20
cis-1,3-Dichloropropene	5.00	5.21	5.19	104	104	80.0-123			0.385	20
trans-1,3-Dichloropropene	5.00	4.98	4.99	99.6	99.8	78.0-124			0.201	20
2,2-Dichloropropane	5.00	5.37	5.22	107	104	58.0-130			2.83	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4041117-1 03/01/24 09:08 • (LCSD) R4041117-2 03/01/24 09:28

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.13	5.22	103	104	74.0-126			1.74	20
Di-isopropyl ether	5.00	6.07	5.99	121	120	58.0-138			1.33	20
Ethylbenzene	5.00	5.03	5.00	101	100	79.0-123			0.598	20
4-Ethyltoluene	5.00	4.97	5.10	99.4	102	74.0-127			2.58	20
Hexachloro-1,3-butadiene	5.00	4.45	4.39	89.0	87.8	54.0-138			1.36	20
n-Hexane	5.00	5.96	5.83	119	117	57.0-133			2.21	20
Isopropylbenzene	5.00	4.92	4.92	98.4	98.4	76.0-127			0.000	20
p-Isopropyltoluene	5.00	4.71	4.73	94.2	94.6	76.0-125			0.424	20
2-Butanone (MEK)	25.0	33.1	34.3	132	137	44.0-160			3.56	20
Methyl Cyclohexane	5.00	5.02	4.68	100	93.6	68.0-126			7.01	20
Methylene Chloride	5.00	5.52	5.51	110	110	67.0-120			0.181	20
4-Methyl-2-pentanone (MIBK)	25.0	29.4	29.6	118	118	68.0-142			0.678	20
Methyl tert-butyl ether	5.00	5.65	5.57	113	111	68.0-125			1.43	20
Naphthalene	5.00	3.16	3.64	63.2	72.8	54.0-135			14.1	20
Propene	5.00	9.55	9.13	191	183	30.0-160	L1	L1	4.50	20
n-Propylbenzene	5.00	5.03	5.15	101	103	77.0-124			2.36	20
Styrene	5.00	4.66	4.72	93.2	94.4	73.0-130			1.28	20
1,1,1,2-Tetrachloroethane	5.00	4.85	4.72	97.0	94.4	75.0-125			2.72	20
1,1,2,2-Tetrachloroethane	5.00	5.00	5.00	100	100	65.0-130			0.000	20
1,1,2-Trichlorotrifluoroethane	5.00	5.75	5.45	115	109	69.0-132			5.36	20
Tetrachloroethene	5.00	5.03	5.07	101	101	72.0-132			0.792	20
Toluene	5.00	4.86	4.91	97.2	98.2	79.0-120			1.02	20
1,2,3-Trichlorobenzene	5.00	3.62	3.98	72.4	79.6	50.0-138			9.47	20
1,2,4-Trichlorobenzene	5.00	3.94	4.23	78.8	84.6	57.0-137			7.10	20
1,1,1-Trichloroethane	5.00	5.96	5.79	119	116	73.0-124			2.89	20
1,1,2-Trichloroethane	5.00	4.72	4.74	94.4	94.8	80.0-120			0.423	20
Trichloroethene	5.00	5.38	5.42	108	108	78.0-124			0.741	20
Trichlorofluoromethane	5.00	6.23	6.15	125	123	59.0-147			1.29	20
1,2,3-Trichloropropane	5.00	5.08	5.42	102	108	73.0-130			6.48	20
1,2,4-Trimethylbenzene	5.00	4.88	4.95	97.6	99.0	76.0-121			1.42	20
1,2,3-Trimethylbenzene	5.00	4.92	4.98	98.4	99.6	77.0-120			1.21	20
1,3,5-Trimethylbenzene	5.00	5.04	5.13	101	103	76.0-122			1.77	20
Vinyl chloride	5.00	5.31	5.33	106	107	67.0-131			0.376	20
Xylenes, Total	15.0	14.8	14.6	98.7	97.3	79.0-123			1.36	20
(S) Toluene-d8				*95.7*	*95.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.9*	*95.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*125*	*125*	*70.0-130*				

L1709175-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1709175-01 03/01/24 17:04 • (MS) R4041117-4 03/01/24 21:29 • (MSD) R4041117-5 03/01/24 21:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	49.3	53.9	197	216	1	10.0-160	M1	M1	8.91	35
Acrolein	25.0	U	46.9	43.4	188	174	1	10.0-160	M1	M1	7.75	39
Acrylonitrile	25.0	U	33.4	35.2	134	141	1	21.0-160			5.25	32
Benzene	5.00	U	7.04	5.46	141	109	1	17.0-158			25.3	27
Bromobenzene	5.00	U	7.33	5.30	147	106	1	30.0-149		R5	32.1	28
Bromodichloromethane	5.00	U	7.36	5.78	147	116	1	31.0-150			24.0	27
Bromoform	5.00	U	5.51	4.98	110	99.6	1	29.0-150			10.1	29
Bromomethane	5.00	U	5.04	4.32	101	86.4	1	10.0-160			15.4	38
1,3-Butadiene	5.00	U	4.87	4.16	97.4	83.2	1	10.0-160			15.7	22
n-Butylbenzene	5.00	U	5.55	4.99	111	99.8	1	31.0-150			10.6	30
sec-Butylbenzene	5.00	U	6.07	5.19	121	104	1	33.0-155			15.6	29
tert-Butylbenzene	5.00	U	5.77	4.98	115	99.6	1	34.0-153			14.7	28
Carbon tetrachloride	5.00	U	7.79	6.30	156	126	1	23.0-159			21.1	28
Carbon disulfide	5.00	U	4.85	4.59	97.0	91.8	1	10.0-156			5.51	28
Chlorobenzene	5.00	U	5.95	5.06	119	101	1	33.0-152			16.2	27
Chlorodibromomethane	5.00	U	5.83	4.89	117	97.8	1	37.0-149			17.5	27
Chloroethane	5.00	U	5.72	4.86	114	97.2	1	10.0-160			16.3	30
Chloroform	5.00	0.194	7.68	6.32	150	123	1	29.0-154			19.4	28
Chloromethane	5.00	U	7.67	6.55	153	131	1	10.0-160			15.8	29
Cyclohexane	5.00	U	7.03	5.59	141	112	1	19.0-160			22.8	23
2-Chlorotoluene	5.00	U	7.22	5.45	144	109	1	32.0-153			27.9	28
4-Chlorotoluene	5.00	U	7.50	5.43	150	109	1	32.0-150		R5	32.0	28
1,2-Dibromo-3-Chloropropane	5.00	U	4.32	4.24	86.4	84.8	1	22.0-151			1.87	34
1,2-Dibromoethane	5.00	U	5.71	4.88	114	97.6	1	34.0-147			15.7	27
Dibromomethane	5.00	U	6.81	5.41	136	108	1	30.0-151			22.9	27
1,2-Dichlorobenzene	5.00	U	5.70	5.01	114	100	1	34.0-149			12.9	28
1,3-Dichlorobenzene	5.00	U	5.75	4.99	115	99.8	1	36.0-146			14.2	27
1,4-Dichlorobenzene	5.00	U	5.64	5.10	113	102	1	35.0-142			10.1	27
Dichlorodifluoromethane	5.00	U	9.70	8.29	194	166	1	10.0-160	M1	M1	15.7	29
1,1-Dichloroethane	5.00	U	7.75	6.12	155	122	1	25.0-158			23.5	27
1,2-Dichloroethane	5.00	U	7.93	6.40	159	128	1	29.0-151	M1		21.4	27
1,1-Dichloroethene	5.00	U	6.51	5.54	130	111	1	11.0-160			16.1	29
cis-1,2-Dichloroethene	5.00	U	9.88	5.99	198	120	1	10.0-160	M1	R5	49.0	27
trans-1,2-Dichloroethene	5.00	U	6.36	5.52	127	110	1	17.0-153			14.1	27
1,2-Dichloropropane	5.00	U	7.57	5.77	151	115	1	30.0-156			27.0	27
1,1-Dichloropropene	5.00	U	7.47	6.07	149	121	1	25.0-158			20.7	27
1,3-Dichloropropane	5.00	U	6.33	5.18	127	104	1	38.0-147			20.0	27
cis-1,3-Dichloropropene	5.00	U	6.93	5.17	139	103	1	34.0-149		R5	29.1	28
trans-1,3-Dichloropropene	5.00	U	5.87	4.95	117	99.0	1	32.0-149			17.0	28
2,2-Dichloropropane	5.00	U	7.00	5.33	140	107	1	24.0-152			27.1	29

L1709175-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1709175-01 03/01/24 17:04 • (MS) R4041117-4 03/01/24 21:29 • (MSD) R4041117-5 03/01/24 21:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	6.43	5.25	129	105	1	51.0-139		R5	20.2	20
Di-isopropyl ether	5.00	U	8.29	6.53	166	131	1	21.0-160	M1		23.8	28
Ethylbenzene	5.00	U	6.18	5.13	124	103	1	30.0-155			18.6	27
4-Ethyltoluene	5.00	U	5.67	5.20	113	104	1	10.0-160			8.65	20
Hexachloro-1,3-butadiene	5.00	U	4.97	5.18	99.4	104	1	20.0-154			4.14	34
n-Hexane	5.00	U	7.30	6.29	146	126	1	10.0-153			14.9	28
Isopropylbenzene	5.00	U	6.23	5.15	125	103	1	28.0-157			19.0	27
p-Isopropyltoluene	5.00	U	5.72	4.95	114	99.0	1	30.0-154			14.4	29
2-Butanone (MEK)	25.0	U	37.3	37.3	149	149	1	10.0-160			0.000	32
Methyl Cyclohexane	5.00	U	6.47	5.11	129	102	1	11.0-160			23.5	24
Methylene Chloride	5.00	U	7.01	5.70	140	114	1	23.0-144			20.6	28
4-Methyl-2-pentanone (MIBK)	25.0	U	32.3	30.4	129	122	1	29.0-160			6.06	29
Methyl tert-butyl ether	5.00	U	7.28	5.90	146	118	1	28.0-150			20.9	29
Naphthalene	5.00	U	4.53	3.88	90.6	77.6	1	12.0-156			15.5	35
Propene	5.00	U	11.1	9.89	222	198	1	10.0-160	M1	M1	11.5	29
n-Propylbenzene	5.00	U	6.51	5.27	130	105	1	31.0-154			21.1	28
Styrene	5.00	U	6.13	4.75	123	95.0	1	33.0-155			25.4	28
1,1,1,2-Tetrachloroethane	5.00	U	5.78	4.88	116	97.6	1	36.0-151			16.9	29
1,1,2,2-Tetrachloroethane	5.00	U	5.91	5.32	118	106	1	33.0-150			10.5	28
1,1,2-Trichlorotrifluoroethane	5.00	U	7.83	6.41	157	128	1	23.0-160			19.9	30
Tetrachloroethene	5.00	U	6.03	5.29	121	106	1	10.0-160			13.1	27
Toluene	5.00	U	6.05	4.97	121	99.4	1	26.0-154			19.6	28
1,2,3-Trichlorobenzene	5.00	U	5.07	4.52	101	90.4	1	17.0-150			11.5	36
1,2,4-Trichlorobenzene	5.00	U	5.27	4.66	105	93.2	1	24.0-150			12.3	33
1,1,1-Trichloroethane	5.00	U	7.75	6.36	155	127	1	23.0-160			19.7	28
1,1,2-Trichloroethane	5.00	U	5.84	4.96	117	99.2	1	35.0-147			16.3	27
Trichloroethene	5.00	U	7.33	5.55	147	111	1	10.0-160		R5	27.6	25
Trichlorofluoromethane	5.00	U	8.18	6.72	164	134	1	17.0-160	M1		19.6	31
1,2,3-Trichloropropane	5.00	U	5.85	5.42	117	108	1	34.0-151			7.63	29
1,2,4-Trimethylbenzene	5.00	U	10.7	5.04	214	101	1	26.0-154	M1	R5	71.9	27
1,2,3-Trimethylbenzene	5.00	U	6.11	5.10	122	102	1	32.0-149			18.0	28
1,3,5-Trimethylbenzene	5.00	U	11.8	5.27	236	105	1	28.0-153	M1	R5	76.5	27
Vinyl chloride	5.00	U	6.49	5.45	130	109	1	10.0-160			17.4	27
Xylenes, Total	15.0	U	19.1	15.0	127	100	1	29.0-154			24.0	28
(S) Toluene-d8					*90.4*	*94.0*		*80.0-120*				
(S) 4-Bromofluorobenzene					*97.4*	*95.8*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*131*	*128*		*70.0-130*	S10			

Method Blank (MB)

(MB) R4039757-2 02/28/24 21:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*92.7*			*23.0-120*
(S) Nitrobenzene-d5	*93.0*			*14.0-149*
(S) 2-Fluorobiphenyl	*91.7*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4039757-1 02/28/24 21:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0666	83.3	50.0-126	
Acenaphthene	0.0800	0.0657	82.1	50.0-120	
Acenaphthylene	0.0800	0.0672	84.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0655	81.9	45.0-120	
Benzo(a)pyrene	0.0800	0.0545	68.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0650	81.3	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0645	80.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0642	80.3	49.0-125	
Chrysene	0.0800	0.0677	84.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0627	78.4	47.0-125	
Fluoranthene	0.0800	0.0711	88.9	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4039757-1 02/28/24 21:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0701	87.6	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0609	76.1	46.0-125	
Naphthalene	0.0800	0.0660	82.5	50.0-120	
Phenanthrene	0.0800	0.0674	84.3	47.0-120	
Pyrene	0.0800	0.0659	82.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0708	88.5	51.0-121	
2-Methylnaphthalene	0.0800	0.0698	87.3	50.0-120	
2-Chloronaphthalene	0.0800	0.0692	86.5	50.0-120	
(S) p-Terphenyl-d14			*87.8*	*23.0-120*	
(S) Nitrobenzene-d5			*96.4*	*14.0-149*	
(S) 2-Fluorobiphenyl			*91.8*	*34.0-125*	

L1709497-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1709497-11 02/28/24 22:19 • (MS) R4039757-3 02/28/24 22:36 • (MSD) R4039757-4 02/28/24 22:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0764	0.00241	0.0361	0.0350	44.1	42.2	1	10.0-145			3.09	30
Acenaphthene	0.0764	U	0.0297	0.0334	38.9	43.3	1	14.0-127			11.7	27
Acenaphthylene	0.0764	U	0.0312	0.0352	40.8	45.6	1	21.0-124			12.0	25
Benzo(a)anthracene	0.0764	0.00528	0.0435	0.0447	50.0	51.1	1	10.0-139			2.72	30
Benzo(a)pyrene	0.0764	0.00391	0.0439	0.0434	52.3	51.2	1	10.0-141			1.15	31
Benzo(b)fluoranthene	0.0764	0.00539	0.0371	0.0400	41.5	44.8	1	10.0-140			7.52	36
Benzo(g,h,i)perylene	0.0764	0.00230	0.0435	0.0427	53.9	52.3	1	10.0-140			1.86	33
Benzo(k)fluoranthene	0.0764	U	0.0478	0.0459	62.6	59.5	1	10.0-137			4.06	31
Chrysene	0.0764	0.00523	0.0529	0.0537	62.4	62.8	1	10.0-145			1.50	30
Dibenz(a,h)anthracene	0.0764	U	0.0494	0.0475	64.7	61.5	1	10.0-132			3.92	31
Fluoranthene	0.0764	0.0126	0.0346	0.0391	28.8	34.3	1	10.0-153			12.2	33
Fluorene	0.0764	U	0.0315	0.0340	41.2	44.0	1	11.0-130			7.63	29
Indeno(1,2,3-cd)pyrene	0.0764	0.00230	0.0398	0.0384	49.1	46.8	1	10.0-137			3.58	32
Naphthalene	0.0764	0.0111	0.0505	0.0755	51.6	83.4	1	10.0-135		R5	39.7	27
Phenanthrene	0.0764	0.0314	0.0371	0.0718	7.46	52.3	1	10.0-144	M2	R5	63.7	31
Pyrene	0.0764	0.0107	0.0326	0.0379	28.7	35.2	1	10.0-148			15.0	35
1-Methylnaphthalene	0.0764	0.0219	0.0478	0.0865	33.9	83.7	1	10.0-142		R5	57.6	28
2-Methylnaphthalene	0.0764	0.0209	0.0550	0.0937	44.6	94.3	1	10.0-137		R5	52.1	28
2-Chloronaphthalene	0.0764	U	0.0347	0.0367	45.4	47.5	1	29.0-120			5.60	24
(S) p-Terphenyl-d14					*66.7*	*61.2*		*23.0-120*				
(S) Nitrobenzene-d5					*82.9*	*83.2*		*14.0-149*				
(S) 2-Fluorobiphenyl					*57.4*	*46.0*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS37 • File ID: 0228_25

02/28/24 17:58

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0228_25	771715.80	319433.70	307349.80
Upper Limit		1543432	638867	614700
Lower Limit		385858	159717	153675
LCS R4039596-1 WG2236339 1x	0228_25LCS	771715.80	319433.70	307349.80
LCSD R4039596-2 WG2236339 1x	0228_26	721560	298585.90	304560.80
BLANK R4039596-3 WG2236339 1x	0228_30	820550.50	314840.50	300083.50
L1709628-04 WG2236339 1x	0228_31	826207.40	340174.10	307675.80
L1709628-05 WG2236339 1x	0228_32	819557	303933.80	306674.20
L1709628-06 WG2236339 1x	0228_33	853216.90	325738.30	318482.90
L1709628-07 WG2236339 1x	0228_34	810279.10	326694.80	296201.70
L1709628-08 WG2236339 1x	0228_35	851936	329140.50	317044.70
L1709628-09 WG2236339 1x	0228_36	846508	335045.10	303312.20
L1709628-10 WG2236339 1.14x	0228_37	822107.60	330532.20	312334.10
L1709628-11 WG2236339 1x	0228_38	845056.40	327735.60	301351.40
L1709628-12 WG2236339 1x	0228_39	825952.30	324427	293295.30
L1709628-13 WG2236339 1x	0228_40	862334.20	333123.10	315563.90
L1709628-14 WG2236339 1x	0228_41	890885.30	358451.70	302825.90
L1709628-15 WG2236339 1x	0228_42	872359.20	335826.70	311731.40
L1709628-16 WG2236339 1x	0228_43	867613.20	319359.90	296035.40

Instrument: VOCMS57 • File ID: 0228_31

02/28/24 17:59

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0228_31	1105905	462360.50	389511.30
Upper Limit		2211810	924721	779023
Lower Limit		552953	231180	194756
LCS R4040285-1 WG2236314 1x	0228_31LCS	1105905	462360.50	389511.30
LCSD R4040285-2 WG2236314 1x	0228_32	1096711	464136	408811
BLANK R4040285-3 WG2236314 1x	0228_36	1093178	442890.80	373913.80
L1709628-01 WG2236314 1x	0228_57	1185312	487729	415415.80
L1709628-02 WG2236314 1x	0228_58	1185881	490863.50	408490.60
L1709628-03 WG2236314 1x	0228_59	1233336	506047.10	428949.90

INTERNAL STANDARD SUMMARY

Instrument: VOCMS57 • File ID: 0301_02

03/01/24 08:03

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0301_02	1267863	549296.50	456850.40
Upper Limit		2535726	1098593	913701
Lower Limit		633932	274648	228425
LCS R4040433-1 WG2237608 1x	0301_02LCS	1267863	549296.50	456850.40
LCSD R4040433-2 WG2237608 1x	0301_03	1222933	526338	445322.60
BLANK R4040433-3 WG2237608 1x	0301_07	1246071	508851	412016.20
L1709628-17 WG2237608 1x	0301_13	1306976	529532.20	438946.40
L1709628-18 WG2237608 1x	0301_14	1331552	551993	457980.10
L1709628-19 WG2237608 1x	0301_15	1211962	496834.10	415332.10
L1709628-20 WG2237608 1x	0301_16	1291747	543745.60	458601.20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS35 • File ID: 0301_02

03/01/24 09:08

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0301_02	332597	145836	132816
Upper Limit		665194	291672	265632
Lower Limit		166299	72918	66408
LCS R4041117-1 WG2237865 1x	0301_02LCS	332597	145836	132816
LCSD R4041117-2 WG2237865 1x	0301_03	334558	148010	132312
BLANK R4041117-3 WG2237865 1x	0301_05	363512	159807	133128
L1709628-21 WG2237865 1x	0301_07	322795	140880	124895
MS R4041117-4 WG2237865 1x	0301_18	362978	171872	159828
MSD R4041117-5 WG2237865 1x	0301_19	322942	142657	130841

INTERNAL STANDARD SUMMARY

Instrument: BNAMS28 • File ID: 0228A_03

02/28/24 20:52

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0228A_03	35557	18831	36552	32973	31177
Upper Limit		71114	37662	73104	65946	62354
Lower Limit		17779	9416	18276	16487	15589
LCS R4039757-1 WG2235492 1x	0228A_04	35351	18585	36291	32753	30494
BLANK R4039757-2 WG2235492 1x	0228A_05	33006	17341	33447	29050	26698
MS R4039757-3 WG2235492 1x	0228A_09	32393	16944	32363	28852	26778
MSD R4039757-4 WG2235492 1x	0228A_10	32276	16877	32614	28945	27198
L1709628-03 WG2235492 1x	0228A_15	31229	16481	31993	28126	25450
L1709628-12 WG2235492 1x	0228A_16	32391	16896	32788	28488	25418
L1709628-15 WG2235492 1x	0228A_17	33334	17693	33885	29848	26850

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S10	Surrogate recovery was above laboratory and method acceptance limits.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. 270[redacted] 5326**

City/State Collected:

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326-ISC

Lab Project # EncoreTAZ-CircleK

Collected by (print): Tony Baca

Site/Facility ID # CK2705326

P.O. # CK5326-ISC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
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Fax: 615-758-5859

L# 1709628
A234

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260AZ 40ml Amb/MeOH	SV8270 PAHSIM 4oz Clr.	Remarks	Sample # (lab only)
SB-4-5	G	SS	5	2/22/24	1150	2	X			-01
SB-4-10	G	SS	10		1156	2	X			-02
SB-4-15	G	SS	15		1213	2	X	X		-03
SB-4-20	G	SS	20		1222	2	X			-04
SB-4-25	G	SS	25		1245	2	X			-05
SB-4-30	G	SS	30		1258	2	X			-06
SB-4-35	G	SS	35		1308	2	X			-07
SB-4-40	G	SS	40		1330	2	X			-08
SB-4-45	G	SS	45		1347	2	X			-09
SB-4-50	G	SS	50		1402	2	X			-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via:
__ UPS __ FedEx __ Courier __ ___

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	Temp: °C	Bottles Received:	If preservation required by Login: Date/Time
	2/26/24	1322		(2)	DPA9	1.4	
	2/26/24	1800	SNA		DPA9	1.4	

Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
				2-27-24	8:00		

PNPAZ

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. 2705326**

City/State Collected: Chino Valley, Arizona

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326-ISC

Lab Project # EncoreTAZ-CircleK

Collected by (print): Tony Baca

Site/Facility ID # CK2705326

P.O. # CK5326-ISC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: Standard TAT

Quote # 00107122

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 AZ VBmL Amb/MeOH	SV8270 PAHSIM 4 oz Clr.								Remarks	Sample # (lab only)
SB-4-55	G	SS	55	2/22/24	1431	2	X										-11
SB-4-60	G	SS	60	"	1443	2	X	X									-12
SB-4-65	G	SS	65	"	1454	2	X										-13
SB-4-70	G	SS	70	"	1515	2	X										-14
SB-4-75	G	SS	75	2/23/24	0749	2	X	X									-15
SB-4-80	G	SS	80	"	0910	2	X										-16
SB-4-85	G	SS	85	"	1025	2	X										-17
SB-4-90	G	SS	90	"	1125	2	X										-18
SB-4-95	G	SS	95	"	1208	2	X										-19
SB-4-100	G	SS	100	"	1230	2	X										-20

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 1709628

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
	2/26/24	1322		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
	2/26/24	1800	SWA	DPA9 1.4 40:1.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				2-27-24 8:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PNPAZ

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Suite 116
Tempe, AZ 85284

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950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. 270[redacted] 5326**

City/State Collected: Chino Valley, Arizona

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326-ISC

Lab Project # EncoreTAZ-Circle K

Collected by (print): Tony Baca

Site/Facility ID # CK2705326

P.O. # CK5326 - ISC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed: Standard TAT

Chain of Custody Page 3 of 3

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 170628

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk	Analysis / Container / Preservative: VB260 AZ 40mL Amb/MeOH	Remarks	Sample # (lab only)
Trip Blank	-	-	-	-	-	1		X		-21

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
2/26/24	2/26/24	1522	
	2/26/24	1800	SWA
			Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: OPA9 °C Bottles Received: 1.4 to 1.4

If preservation required by Login: Date/Time

Date: 2-27-24 Time: 8:00

Hold:

Condition: NCF / OK

PNDA2

ANALYTICAL REPORT

March 07, 2024

EnCore Consulting, LLC.

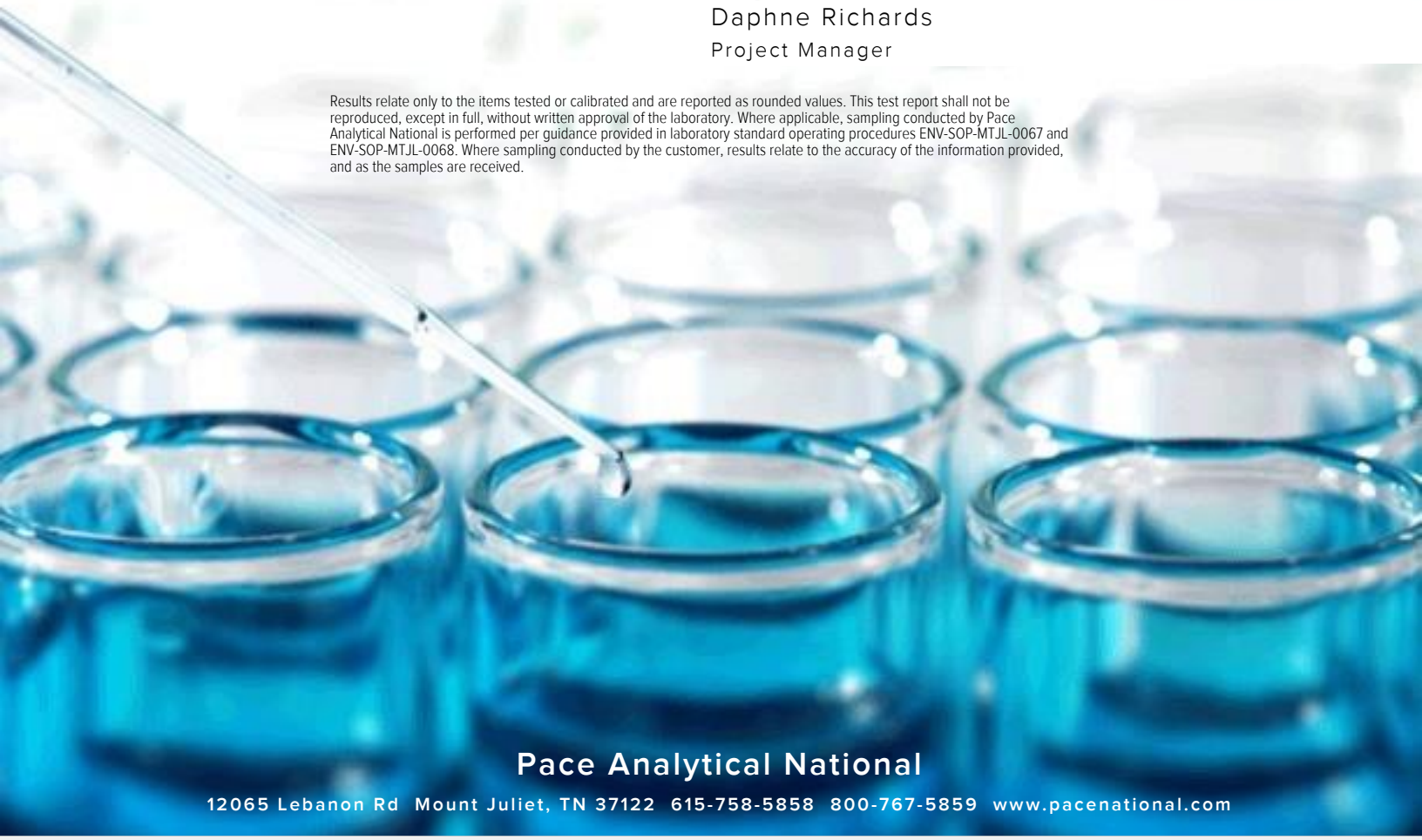
Sample Delivery Group:	L1710515
Samples Received:	02/29/2024
Project Number:	CK2705326
Description:	Circle K Store No. 2705326
Site:	2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-4-105 L1710515-01 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 10:05 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 10:05	03/05/24 03:06	JAH	Mt. Juliet, TN

SB-4-110 L1710515-02 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 10:16 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 10:16	03/05/24 03:26	JAH	Mt. Juliet, TN

SB-4-115 L1710515-03 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 10:51 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 10:51	03/05/24 03:45	JAH	Mt. Juliet, TN

SB-4-120 L1710515-04 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 11:48 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 11:48	03/05/24 04:05	JAH	Mt. Juliet, TN

SB-4-125 L1710515-05 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 11:51 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 11:51	03/05/24 04:24	JAH	Mt. Juliet, TN

SB-4-130 L1710515-06 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 12:13 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 12:13	03/05/24 04:44	JAH	Mt. Juliet, TN

SB-4-135 L1710515-07 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 13:16 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 13:16	03/05/24 05:04	JAH	Mt. Juliet, TN

SB-4-140 L1710515-08 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 13:45 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 13:45	03/05/24 05:23	JAH	Mt. Juliet, TN

SB-4-145 L1710515-09 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 14:04 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 14:04	03/05/24 05:43	JAH	Mt. Juliet, TN

SB-4-150 L1710515-10 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 14:56 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 14:56	03/05/24 06:02	JAH	Mt. Juliet, TN

SB-4-155 L1710515-11 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 08:06 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 08:06	03/05/24 06:22	JAH	Mt. Juliet, TN

SB-4-160 L1710515-12 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 08:54 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 08:54	03/05/24 06:42	JAH	Mt. Juliet, TN

SB-4-165 L1710515-13 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 09:56 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 09:56	03/05/24 07:01	JAH	Mt. Juliet, TN

SB-4-170 L1710515-14 Solid

Collected by: Parker Schroeder | Collected date/time: 02/26/24 11:27 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2239459	1	02/26/24 11:27	03/05/24 07:20	JAH	Mt. Juliet, TN

TRIP BLANK L1710515-15 GW

Collected by: Parker Schroeder | Collected date/time: 02/26/24 00:00 | Received date/time: 02/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2238541	1	03/03/24 09:20	03/03/24 09:20	JCP	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1710515-01	SB-4-105	8260B
L1710515-02	SB-4-110	8260B
L1710515-03	SB-4-115	8260B
L1710515-04	SB-4-120	8260B
L1710515-05	SB-4-125	8260B
L1710515-06	SB-4-130	8260B
L1710515-07	SB-4-135	8260B
L1710515-08	SB-4-140	8260B
L1710515-09	SB-4-145	8260B
L1710515-10	SB-4-150	8260B
L1710515-11	SB-4-155	8260B
L1710515-12	SB-4-160	8260B
L1710515-13	SB-4-165	8260B
L1710515-14	SB-4-170	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 03:06	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 03:06	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 03:06	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 03:06	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 03:06	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 03:06	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 03:06	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 03:06	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 03:06	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 03:06	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 03:06	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 03:06	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 03:06	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 03:06	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 03:06	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 03:06	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 03:06	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 03:06	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 03:06	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 03:06	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 03:06	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 03:06	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 03:06	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 03:06	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 03:06	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 03:06	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 03:06	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 03:06	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 03:06	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 03:06	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 03:06	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 03:06	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 03:06	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 03:06	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 03:06	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 03:06	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 03:06	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 03:06	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 03:06	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 03:06	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 03:06	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 03:06	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 03:06	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 03:06	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 03:06	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 03:06	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 03:06	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 03:06	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 03:06	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 03:06	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 03:06	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 03:06	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 03:06	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 03:06	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 03:06	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 03:06	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 03:06	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 03:06	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 03:06	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 03:06	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 03:06	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 03:06	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 03:06	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 03:06	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 03:06	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 03:06	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 03:06	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 03:06	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 03:06	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 03:06	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 03:06	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 03:06	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 03:06	WG2239459
(S) Toluene-d8	*102*			*75.0-131*		*03/05/2024 03:06*	WG2239459
(S) 4-Bromofluorobenzene	*95.0*			*67.0-138*		*03/05/2024 03:06*	WG2239459
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*03/05/2024 03:06*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 03:26	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 03:26	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 03:26	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 03:26	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 03:26	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 03:26	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 03:26	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 03:26	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 03:26	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 03:26	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 03:26	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 03:26	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 03:26	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 03:26	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 03:26	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 03:26	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 03:26	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 03:26	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 03:26	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 03:26	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 03:26	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 03:26	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 03:26	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 03:26	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 03:26	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 03:26	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 03:26	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 03:26	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 03:26	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 03:26	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 03:26	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 03:26	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 03:26	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 03:26	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 03:26	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 03:26	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 03:26	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 03:26	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 03:26	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 03:26	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 03:26	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 03:26	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 03:26	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 03:26	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 03:26	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 03:26	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 03:26	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 03:26	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 03:26	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 03:26	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 03:26	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 03:26	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 03:26	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 03:26	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 03:26	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 03:26	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 03:26	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 03:26	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 03:26	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 03:26	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 03:26	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 03:26	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 03:26	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 03:26	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 03:26	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 03:26	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 03:26	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 03:26	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 03:26	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 03:26	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 03:26	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 03:26	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 03:26	WG2239459
(S) Toluene-d8	*105*			*75.0-131*		*03/05/2024 03:26*	WG2239459
(S) 4-Bromofluorobenzene	*92.3*			*67.0-138*		*03/05/2024 03:26*	WG2239459
(S) 1,2-Dichloroethane-d4	*86.1*			*70.0-130*		*03/05/2024 03:26*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 03:45	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 03:45	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 03:45	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 03:45	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 03:45	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 03:45	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 03:45	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 03:45	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 03:45	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 03:45	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 03:45	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 03:45	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 03:45	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 03:45	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 03:45	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 03:45	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 03:45	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 03:45	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 03:45	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 03:45	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 03:45	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 03:45	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 03:45	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 03:45	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 03:45	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 03:45	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 03:45	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 03:45	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 03:45	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 03:45	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 03:45	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 03:45	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 03:45	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 03:45	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 03:45	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 03:45	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 03:45	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 03:45	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 03:45	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 03:45	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 03:45	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 03:45	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 03:45	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 03:45	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 03:45	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 03:45	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 03:45	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 03:45	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 03:45	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 03:45	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 03:45	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 03:45	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 03:45	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 03:45	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 03:45	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 03:45	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 03:45	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 03:45	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 03:45	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 03:45	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 03:45	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 03:45	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 03:45	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 03:45	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 03:45	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 03:45	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 03:45	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 03:45	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 03:45	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 03:45	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 03:45	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 03:45	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 03:45	WG2239459
(S) Toluene-d8	*104*			*75.0-131*		*03/05/2024 03:45*	WG2239459
(S) 4-Bromofluorobenzene	*91.3*			*67.0-138*		*03/05/2024 03:45*	WG2239459
(S) 1,2-Dichloroethane-d4	*85.9*			*70.0-130*		*03/05/2024 03:45*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 04:05	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 04:05	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 04:05	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 04:05	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 04:05	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 04:05	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 04:05	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 04:05	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 04:05	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 04:05	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 04:05	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 04:05	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 04:05	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 04:05	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 04:05	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 04:05	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 04:05	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 04:05	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 04:05	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 04:05	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 04:05	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 04:05	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 04:05	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 04:05	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 04:05	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 04:05	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 04:05	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 04:05	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 04:05	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 04:05	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 04:05	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 04:05	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 04:05	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 04:05	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 04:05	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 04:05	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 04:05	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 04:05	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 04:05	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 04:05	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 04:05	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 04:05	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 04:05	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 04:05	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 04:05	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 04:05	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 04:05	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 04:05	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 04:05	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 04:05	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 04:05	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 04:05	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 04:05	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 04:05	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 04:05	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 04:05	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 04:05	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 04:05	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 04:05	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 04:05	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 04:05	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 04:05	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 04:05	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 04:05	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 04:05	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 04:05	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 04:05	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 04:05	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 04:05	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 04:05	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 04:05	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 04:05	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 04:05	WG2239459
(S) Toluene-d8	*103*			*75.0-131*		*03/05/2024 04:05*	WG2239459
(S) 4-Bromofluorobenzene	*93.0*			*67.0-138*		*03/05/2024 04:05*	WG2239459
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*03/05/2024 04:05*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 04:24	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 04:24	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 04:24	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 04:24	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 04:24	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 04:24	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 04:24	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 04:24	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 04:24	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 04:24	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 04:24	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 04:24	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 04:24	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 04:24	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 04:24	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 04:24	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 04:24	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 04:24	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 04:24	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 04:24	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 04:24	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 04:24	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 04:24	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 04:24	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 04:24	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 04:24	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 04:24	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 04:24	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 04:24	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 04:24	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 04:24	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 04:24	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 04:24	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 04:24	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 04:24	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 04:24	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 04:24	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 04:24	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 04:24	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 04:24	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 04:24	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 04:24	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 04:24	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 04:24	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 04:24	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 04:24	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 04:24	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 04:24	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 04:24	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 04:24	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 04:24	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 04:24	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 04:24	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 04:24	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 04:24	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 04:24	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 04:24	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 04:24	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 04:24	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 04:24	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 04:24	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 04:24	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 04:24	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 04:24	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 04:24	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 04:24	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 04:24	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 04:24	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 04:24	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 04:24	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 04:24	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 04:24	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 04:24	WG2239459
(S) Toluene-d8	*104*			*75.0-131*		*03/05/2024 04:24*	WG2239459
(S) 4-Bromofluorobenzene	*93.3*			*67.0-138*		*03/05/2024 04:24*	WG2239459
(S) 1,2-Dichloroethane-d4	*87.2*			*70.0-130*		*03/05/2024 04:24*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 04:44	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 04:44	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 04:44	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 04:44	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 04:44	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 04:44	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 04:44	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 04:44	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 04:44	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 04:44	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 04:44	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 04:44	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 04:44	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 04:44	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 04:44	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 04:44	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 04:44	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 04:44	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 04:44	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 04:44	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 04:44	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 04:44	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 04:44	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 04:44	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 04:44	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 04:44	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 04:44	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 04:44	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 04:44	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 04:44	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 04:44	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 04:44	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 04:44	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 04:44	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 04:44	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 04:44	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 04:44	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 04:44	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 04:44	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 04:44	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 04:44	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 04:44	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 04:44	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 04:44	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 04:44	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 04:44	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 04:44	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 04:44	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 04:44	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 04:44	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 04:44	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 04:44	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 04:44	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 04:44	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 04:44	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 04:44	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 04:44	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 04:44	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 04:44	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 04:44	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 04:44	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 04:44	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 04:44	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 04:44	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 04:44	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 04:44	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 04:44	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 04:44	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 04:44	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 04:44	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 04:44	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 04:44	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 04:44	WG2239459
(S) Toluene-d8	*106*			*75.0-131*		*03/05/2024 04:44*	WG2239459
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*03/05/2024 04:44*	WG2239459
(S) 1,2-Dichloroethane-d4	*88.7*			*70.0-130*		*03/05/2024 04:44*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 05:04	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 05:04	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 05:04	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 05:04	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 05:04	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 05:04	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 05:04	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 05:04	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 05:04	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 05:04	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 05:04	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 05:04	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 05:04	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 05:04	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 05:04	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 05:04	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 05:04	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 05:04	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 05:04	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 05:04	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 05:04	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 05:04	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 05:04	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 05:04	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 05:04	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 05:04	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 05:04	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 05:04	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 05:04	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 05:04	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 05:04	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 05:04	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 05:04	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 05:04	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 05:04	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 05:04	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 05:04	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 05:04	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 05:04	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 05:04	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 05:04	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 05:04	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 05:04	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 05:04	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 05:04	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 05:04	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 05:04	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 05:04	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 05:04	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 05:04	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 05:04	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 05:04	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 05:04	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 05:04	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 05:04	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 05:04	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 05:04	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 05:04	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 05:04	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 05:04	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 05:04	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 05:04	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 05:04	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 05:04	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 05:04	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 05:04	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 05:04	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 05:04	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 05:04	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 05:04	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 05:04	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 05:04	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 05:04	WG2239459
(S) Toluene-d8	*103*			*75.0-131*		*03/05/2024 05:04*	WG2239459
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*03/05/2024 05:04*	WG2239459
(S) 1,2-Dichloroethane-d4	*91.7*			*70.0-130*		*03/05/2024 05:04*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 05:23	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 05:23	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 05:23	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 05:23	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 05:23	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 05:23	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 05:23	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 05:23	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 05:23	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 05:23	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 05:23	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 05:23	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 05:23	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 05:23	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 05:23	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 05:23	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 05:23	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 05:23	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 05:23	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 05:23	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 05:23	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 05:23	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 05:23	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 05:23	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 05:23	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 05:23	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 05:23	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 05:23	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 05:23	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 05:23	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 05:23	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 05:23	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 05:23	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 05:23	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 05:23	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 05:23	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 05:23	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 05:23	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 05:23	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 05:23	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 05:23	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 05:23	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 05:23	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 05:23	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 05:23	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 05:23	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 05:23	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 05:23	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 05:23	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 05:23	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 05:23	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 05:23	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 05:23	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 05:23	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 05:23	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 05:23	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 05:23	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 05:23	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 05:23	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 05:23	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 05:23	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 05:23	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 05:23	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 05:23	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 05:23	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 05:23	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 05:23	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 05:23	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 05:23	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 05:23	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 05:23	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 05:23	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 05:23	WG2239459
(S) Toluene-d8	*103*			*75.0-131*		*03/05/2024 05:23*	WG2239459
(S) 4-Bromofluorobenzene	*94.7*			*67.0-138*		*03/05/2024 05:23*	WG2239459
(S) 1,2-Dichloroethane-d4	*90.7*			*70.0-130*		*03/05/2024 05:23*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 05:43	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 05:43	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 05:43	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 05:43	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 05:43	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 05:43	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 05:43	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 05:43	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 05:43	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 05:43	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 05:43	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 05:43	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 05:43	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 05:43	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 05:43	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 05:43	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 05:43	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 05:43	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 05:43	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 05:43	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 05:43	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 05:43	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 05:43	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 05:43	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 05:43	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 05:43	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 05:43	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 05:43	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 05:43	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 05:43	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 05:43	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 05:43	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 05:43	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 05:43	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 05:43	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 05:43	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 05:43	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 05:43	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 05:43	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 05:43	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 05:43	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 05:43	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 05:43	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 05:43	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 05:43	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 05:43	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 05:43	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 05:43	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 05:43	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 05:43	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 05:43	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 05:43	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 05:43	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 05:43	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 05:43	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 05:43	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 05:43	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 05:43	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 05:43	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 05:43	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 05:43	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 05:43	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 05:43	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 05:43	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 05:43	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 05:43	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 05:43	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 05:43	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 05:43	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 05:43	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 05:43	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 05:43	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 05:43	WG2239459
(S) Toluene-d8	*106*			*75.0-131*		*03/05/2024 05:43*	WG2239459
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*		*03/05/2024 05:43*	WG2239459
(S) 1,2-Dichloroethane-d4	*87.6*			*70.0-130*		*03/05/2024 05:43*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 06:02	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 06:02	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 06:02	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 06:02	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 06:02	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 06:02	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 06:02	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 06:02	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 06:02	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 06:02	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 06:02	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 06:02	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 06:02	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 06:02	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 06:02	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 06:02	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 06:02	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 06:02	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 06:02	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 06:02	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 06:02	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 06:02	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 06:02	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 06:02	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 06:02	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 06:02	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 06:02	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 06:02	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 06:02	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 06:02	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 06:02	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 06:02	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 06:02	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 06:02	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 06:02	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 06:02	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 06:02	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 06:02	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 06:02	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 06:02	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 06:02	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 06:02	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 06:02	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 06:02	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 06:02	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 06:02	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 06:02	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 06:02	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 06:02	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 06:02	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 06:02	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 06:02	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 06:02	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 06:02	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 06:02	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 06:02	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 06:02	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 06:02	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 06:02	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 06:02	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 06:02	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 06:02	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 06:02	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 06:02	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 06:02	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 06:02	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 06:02	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 06:02	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 06:02	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 06:02	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 06:02	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 06:02	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 06:02	WG2239459
(S) Toluene-d8	*104*			*75.0-131*		*03/05/2024 06:02*	WG2239459
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*03/05/2024 06:02*	WG2239459
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*03/05/2024 06:02*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 06:22	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 06:22	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 06:22	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 06:22	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 06:22	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 06:22	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 06:22	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 06:22	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 06:22	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 06:22	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 06:22	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 06:22	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 06:22	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 06:22	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 06:22	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 06:22	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 06:22	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 06:22	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 06:22	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 06:22	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 06:22	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 06:22	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 06:22	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 06:22	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 06:22	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 06:22	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 06:22	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 06:22	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 06:22	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 06:22	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 06:22	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 06:22	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 06:22	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 06:22	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 06:22	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 06:22	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 06:22	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 06:22	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 06:22	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 06:22	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 06:22	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 06:22	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 06:22	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 06:22	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 06:22	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 06:22	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 06:22	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 06:22	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 06:22	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 06:22	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 06:22	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 06:22	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 06:22	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 06:22	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 06:22	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 06:22	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 06:22	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 06:22	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 06:22	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 06:22	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 06:22	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 06:22	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 06:22	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 06:22	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 06:22	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 06:22	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 06:22	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 06:22	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 06:22	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 06:22	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 06:22	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 06:22	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 06:22	WG2239459
(S) Toluene-d8	*105*			*75.0-131*		*03/05/2024 06:22*	WG2239459
(S) 4-Bromofluorobenzene	*91.1*			*67.0-138*		*03/05/2024 06:22*	WG2239459
(S) 1,2-Dichloroethane-d4	*85.1*			*70.0-130*		*03/05/2024 06:22*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 06:42	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 06:42	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 06:42	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 06:42	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 06:42	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 06:42	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 06:42	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 06:42	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 06:42	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 06:42	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 06:42	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 06:42	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 06:42	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 06:42	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 06:42	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 06:42	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 06:42	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 06:42	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 06:42	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 06:42	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 06:42	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 06:42	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 06:42	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 06:42	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 06:42	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 06:42	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 06:42	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 06:42	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 06:42	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 06:42	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 06:42	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 06:42	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 06:42	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 06:42	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 06:42	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 06:42	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 06:42	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 06:42	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 06:42	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 06:42	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 06:42	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 06:42	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 06:42	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 06:42	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 06:42	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 06:42	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 06:42	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 06:42	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 06:42	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 06:42	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 06:42	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 06:42	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 06:42	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 06:42	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 06:42	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 06:42	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 06:42	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 06:42	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 06:42	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 06:42	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 06:42	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 06:42	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 06:42	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 06:42	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 06:42	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 06:42	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 06:42	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 06:42	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 06:42	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 06:42	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 06:42	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 06:42	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 06:42	WG2239459
(S) Toluene-d8	*105*			*75.0-131*		*03/05/2024 06:42*	WG2239459
(S) 4-Bromofluorobenzene	*94.8*			*67.0-138*		*03/05/2024 06:42*	WG2239459
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*03/05/2024 06:42*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 07:01	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 07:01	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 07:01	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 07:01	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 07:01	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 07:01	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 07:01	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 07:01	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 07:01	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 07:01	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 07:01	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 07:01	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 07:01	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 07:01	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 07:01	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 07:01	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 07:01	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 07:01	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 07:01	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 07:01	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 07:01	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 07:01	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 07:01	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 07:01	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 07:01	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 07:01	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 07:01	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 07:01	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 07:01	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 07:01	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 07:01	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 07:01	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 07:01	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 07:01	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 07:01	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 07:01	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 07:01	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 07:01	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 07:01	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 07:01	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 07:01	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 07:01	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 07:01	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 07:01	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 07:01	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 07:01	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 07:01	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 07:01	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 07:01	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 07:01	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 07:01	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 07:01	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 07:01	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 07:01	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 07:01	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 07:01	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 07:01	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 07:01	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 07:01	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 07:01	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 07:01	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 07:01	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 07:01	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 07:01	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 07:01	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 07:01	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 07:01	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 07:01	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 07:01	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 07:01	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 07:01	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 07:01	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 07:01	WG2239459
(S) Toluene-d8	*102*			*75.0-131*		*03/05/2024 07:01*	WG2239459
(S) 4-Bromofluorobenzene	*90.9*			*67.0-138*		*03/05/2024 07:01*	WG2239459
(S) 1,2-Dichloroethane-d4	*90.0*			*70.0-130*		*03/05/2024 07:01*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/05/2024 07:20	WG2239459
Acrylonitrile	U	R7	0.0903	0.313	1	03/05/2024 07:20	WG2239459
Benzene	U		0.0117	0.0250	1	03/05/2024 07:20	WG2239459
Bromobenzene	U		0.0225	0.313	1	03/05/2024 07:20	WG2239459
Bromodichloromethane	U		0.0181	0.0625	1	03/05/2024 07:20	WG2239459
Bromoform	U		0.0293	0.625	1	03/05/2024 07:20	WG2239459
Bromomethane	U		0.0493	0.313	1	03/05/2024 07:20	WG2239459
1,3-Butadiene	U		0.128	0.625	1	03/05/2024 07:20	WG2239459
n-Butylbenzene	U		0.131	0.313	1	03/05/2024 07:20	WG2239459
sec-Butylbenzene	U		0.0720	0.313	1	03/05/2024 07:20	WG2239459
tert-Butylbenzene	U		0.0488	0.125	1	03/05/2024 07:20	WG2239459
Carbon disulfide	U		0.0175	0.313	1	03/05/2024 07:20	WG2239459
Carbon tetrachloride	U		0.0225	0.125	1	03/05/2024 07:20	WG2239459
Chlorobenzene	U		0.00525	0.0625	1	03/05/2024 07:20	WG2239459
Chlorodibromomethane	U		0.0153	0.0625	1	03/05/2024 07:20	WG2239459
Chloroethane	U		0.0425	0.125	1	03/05/2024 07:20	WG2239459
Chloroform	U		0.0258	0.0625	1	03/05/2024 07:20	WG2239459
Chloromethane	U		0.109	0.313	1	03/05/2024 07:20	WG2239459
2-Chlorotoluene	U		0.0216	0.0625	1	03/05/2024 07:20	WG2239459
4-Chlorotoluene	U		0.0113	0.125	1	03/05/2024 07:20	WG2239459
Cyclohexane	U		0.0278	0.0625	1	03/05/2024 07:20	WG2239459
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/05/2024 07:20	WG2239459
1,2-Dibromoethane	U		0.0162	0.0625	1	03/05/2024 07:20	WG2239459
Dibromomethane	U		0.0188	0.125	1	03/05/2024 07:20	WG2239459
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/05/2024 07:20	WG2239459
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/05/2024 07:20	WG2239459
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/05/2024 07:20	WG2239459
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/05/2024 07:20	WG2239459
1,1-Dichloroethane	U		0.0123	0.0625	1	03/05/2024 07:20	WG2239459
1,2-Dichloroethane	U		0.0162	0.0625	1	03/05/2024 07:20	WG2239459
1,1-Dichloroethene	U		0.0152	0.0625	1	03/05/2024 07:20	WG2239459
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/05/2024 07:20	WG2239459
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/05/2024 07:20	WG2239459
1,2-Dichloropropane	U		0.0355	0.125	1	03/05/2024 07:20	WG2239459
1,1-Dichloropropene	U		0.0202	0.0625	1	03/05/2024 07:20	WG2239459
1,3-Dichloropropane	U		0.0125	0.125	1	03/05/2024 07:20	WG2239459
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/05/2024 07:20	WG2239459
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/05/2024 07:20	WG2239459
2,2-Dichloropropane	U		0.0345	0.0625	1	03/05/2024 07:20	WG2239459
Dicyclopentadiene	U		0.0413	0.313	1	03/05/2024 07:20	WG2239459
Di-isopropyl ether	U		0.0103	0.0250	1	03/05/2024 07:20	WG2239459
Ethylbenzene	U		0.0184	0.0625	1	03/05/2024 07:20	WG2239459
4-Ethyltoluene	U		0.0580	0.125	1	03/05/2024 07:20	WG2239459
Hexachloro-1,3-butadiene	U	R7	0.150	0.625	1	03/05/2024 07:20	WG2239459
n-Hexane	U	L1	0.0565	0.125	1	03/05/2024 07:20	WG2239459
Isopropylbenzene	U		0.0106	0.0625	1	03/05/2024 07:20	WG2239459
p-Isopropyltoluene	U		0.0638	0.125	1	03/05/2024 07:20	WG2239459
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/05/2024 07:20	WG2239459
Methylene Chloride	U		0.166	0.625	1	03/05/2024 07:20	WG2239459
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/05/2024 07:20	WG2239459
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/05/2024 07:20	WG2239459
Methyl Cyclohexane	U		0.0515	0.125	1	03/05/2024 07:20	WG2239459
Naphthalene	U	R7	0.122	0.313	1	03/05/2024 07:20	WG2239459
Propene	U		0.153	1.25	1	03/05/2024 07:20	WG2239459
n-Propylbenzene	U	R7	0.0238	0.125	1	03/05/2024 07:20	WG2239459
Styrene	U		0.00573	0.313	1	03/05/2024 07:20	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/05/2024 07:20	WG2239459
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/05/2024 07:20	WG2239459
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/05/2024 07:20	WG2239459
Tetrachloroethene	U		0.0224	0.0625	1	03/05/2024 07:20	WG2239459
Toluene	U		0.0325	0.125	1	03/05/2024 07:20	WG2239459
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/05/2024 07:20	WG2239459
1,2,4-Trichlorobenzene	U	R7	0.110	0.313	1	03/05/2024 07:20	WG2239459
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/05/2024 07:20	WG2239459
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/05/2024 07:20	WG2239459
Trichloroethene	U		0.0146	0.0250	1	03/05/2024 07:20	WG2239459
Trichlorofluoromethane	U		0.0207	0.0625	1	03/05/2024 07:20	WG2239459
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/05/2024 07:20	WG2239459
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 07:20	WG2239459
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/05/2024 07:20	WG2239459
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/05/2024 07:20	WG2239459
Vinyl chloride	U		0.0290	0.0625	1	03/05/2024 07:20	WG2239459
Xylenes, Total	U		0.0220	0.163	1	03/05/2024 07:20	WG2239459
(S) Toluene-d8	*103*			*75.0-131*		*03/05/2024 07:20*	WG2239459
(S) 4-Bromofluorobenzene	*92.6*			*67.0-138*		*03/05/2024 07:20*	WG2239459
(S) 1,2-Dichloroethane-d4	*90.0*			*70.0-130*		*03/05/2024 07:20*	WG2239459

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/03/2024 09:20	WG2238541
Acrolein	U		2.54	50.0	1	03/03/2024 09:20	WG2238541
Acrylonitrile	U		0.671	10.0	1	03/03/2024 09:20	WG2238541
Benzene	U		0.0941	1.00	1	03/03/2024 09:20	WG2238541
Bromobenzene	U		0.118	1.00	1	03/03/2024 09:20	WG2238541
Bromodichloromethane	U		0.136	1.00	1	03/03/2024 09:20	WG2238541
Bromoform	U		0.129	1.00	1	03/03/2024 09:20	WG2238541
Bromomethane	U		0.605	5.00	1	03/03/2024 09:20	WG2238541
1,3-Butadiene	U		0.299	2.00	1	03/03/2024 09:20	WG2238541
n-Butylbenzene	U		0.157	1.00	1	03/03/2024 09:20	WG2238541
sec-Butylbenzene	U		0.125	1.00	1	03/03/2024 09:20	WG2238541
tert-Butylbenzene	U		0.127	1.00	1	03/03/2024 09:20	WG2238541
Carbon tetrachloride	U		0.128	1.00	1	03/03/2024 09:20	WG2238541
Carbon disulfide	U		0.0962	1.00	1	03/03/2024 09:20	WG2238541
Chlorobenzene	U		0.116	1.00	1	03/03/2024 09:20	WG2238541
Chlorodibromomethane	U		0.140	1.00	1	03/03/2024 09:20	WG2238541
Chloroethane	U		0.192	5.00	1	03/03/2024 09:20	WG2238541
Chloroform	U		0.111	5.00	1	03/03/2024 09:20	WG2238541
Chloromethane	U		0.960	2.50	1	03/03/2024 09:20	WG2238541
Cyclohexane	U		0.188	1.00	1	03/03/2024 09:20	WG2238541
2-Chlorotoluene	U		0.106	1.00	1	03/03/2024 09:20	WG2238541
4-Chlorotoluene	U		0.114	1.00	1	03/03/2024 09:20	WG2238541
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/03/2024 09:20	WG2238541
1,2-Dibromoethane	U		0.126	1.00	1	03/03/2024 09:20	WG2238541
Dibromomethane	U		0.122	1.00	1	03/03/2024 09:20	WG2238541
1,2-Dichlorobenzene	U		0.107	1.00	1	03/03/2024 09:20	WG2238541
1,3-Dichlorobenzene	U		0.110	1.00	1	03/03/2024 09:20	WG2238541
1,4-Dichlorobenzene	U		0.120	1.00	1	03/03/2024 09:20	WG2238541
Dichlorodifluoromethane	U		0.374	5.00	1	03/03/2024 09:20	WG2238541
1,1-Dichloroethane	U		0.100	1.00	1	03/03/2024 09:20	WG2238541
1,2-Dichloroethane	U		0.0819	1.00	1	03/03/2024 09:20	WG2238541
1,1-Dichloroethene	U		0.188	1.00	1	03/03/2024 09:20	WG2238541
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/03/2024 09:20	WG2238541
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/03/2024 09:20	WG2238541
1,2-Dichloropropane	U		0.149	1.00	1	03/03/2024 09:20	WG2238541
1,1-Dichloropropene	U		0.142	1.00	1	03/03/2024 09:20	WG2238541
1,3-Dichloropropane	U		0.110	1.00	1	03/03/2024 09:20	WG2238541
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/03/2024 09:20	WG2238541
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/03/2024 09:20	WG2238541
2,2-Dichloropropane	U		0.161	1.00	1	03/03/2024 09:20	WG2238541
Dicyclopentadiene	U		0.253	1.00	1	03/03/2024 09:20	WG2238541
Di-isopropyl ether	U		0.105	1.00	1	03/03/2024 09:20	WG2238541
Ethylbenzene	U		0.137	1.00	1	03/03/2024 09:20	WG2238541
4-Ethyltoluene	U		0.208	1.00	1	03/03/2024 09:20	WG2238541
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/03/2024 09:20	WG2238541
n-Hexane	U	L1	0.749	10.0	1	03/03/2024 09:20	WG2238541
Isopropylbenzene	U		0.105	1.00	1	03/03/2024 09:20	WG2238541
p-Isopropyltoluene	U		0.120	1.00	1	03/03/2024 09:20	WG2238541
2-Butanone (MEK)	U		1.19	10.0	1	03/03/2024 09:20	WG2238541
Methyl Cyclohexane	U		0.660	1.00	1	03/03/2024 09:20	WG2238541
Methylene Chloride	U		0.430	5.00	1	03/03/2024 09:20	WG2238541
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/03/2024 09:20	WG2238541
Methyl tert-butyl ether	U		0.101	1.00	1	03/03/2024 09:20	WG2238541
Naphthalene	U		1.00	5.00	1	03/03/2024 09:20	WG2238541
Propene	U	L1	0.936	2.50	1	03/03/2024 09:20	WG2238541
n-Propylbenzene	U		0.0993	1.00	1	03/03/2024 09:20	WG2238541

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/03/2024 09:20	WG2238541
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/03/2024 09:20	WG2238541
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/03/2024 09:20	WG2238541
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/03/2024 09:20	WG2238541
Tetrachloroethene	U		0.300	1.00	1	03/03/2024 09:20	WG2238541
Toluene	U		0.278	1.00	1	03/03/2024 09:20	WG2238541
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/03/2024 09:20	WG2238541
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/03/2024 09:20	WG2238541
1,1,1-Trichloroethane	U		0.149	1.00	1	03/03/2024 09:20	WG2238541
1,1,2-Trichloroethane	U		0.158	1.00	1	03/03/2024 09:20	WG2238541
Trichloroethene	U		0.190	1.00	1	03/03/2024 09:20	WG2238541
Trichlorofluoromethane	U		0.160	5.00	1	03/03/2024 09:20	WG2238541
1,2,3-Trichloropropane	U		0.237	2.50	1	03/03/2024 09:20	WG2238541
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/03/2024 09:20	WG2238541
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/03/2024 09:20	WG2238541
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/03/2024 09:20	WG2238541
Vinyl chloride	U		0.234	1.00	1	03/03/2024 09:20	WG2238541
Xylenes, Total	U		0.174	3.00	1	03/03/2024 09:20	WG2238541
(S) Toluene-d8	*98.1*			*80.0-120*		*03/03/2024 09:20*	WG2238541
(S) 4-Bromofluorobenzene	*90.4*			*77.0-126*		*03/03/2024 09:20*	WG2238541
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*03/03/2024 09:20*	WG2238541

Method Blank (MB)

(MB) R4042443-3 03/03/24 08:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4042443-3 03/03/24 08:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*99.5*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4042443-1 03/03/24 07:49 • (LCSD) R4042443-2 03/03/24 08:09

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	30.4	35.9	122	144	19.0-160			16.6	27
Acrolein	25.0	37.2	36.4	149	146	30.0-160			2.17	26
Acrylonitrile	25.0	35.2	34.8	141	139	55.0-149			1.14	20
Benzene	5.00	5.22	5.22	104	104	70.0-123			0.000	20
Bromobenzene	5.00	5.35	5.32	107	106	73.0-121			0.562	20
Bromodichloromethane	5.00	5.28	5.29	106	106	75.0-120			0.189	20
Bromoform	5.00	4.84	4.90	96.8	98.0	68.0-132			1.23	20
Bromomethane	5.00	2.94	2.93	58.8	58.6	30.0-160			0.341	25
1,3-Butadiene	5.00	7.36	7.06	147	141	45.0-147			4.16	20
n-Butylbenzene	5.00	4.83	4.75	96.6	95.0	73.0-125			1.67	20
sec-Butylbenzene	5.00	4.98	4.94	99.6	98.8	75.0-125			0.806	20
tert-Butylbenzene	5.00	5.40	5.32	108	106	76.0-124			1.49	20
Carbon tetrachloride	5.00	5.79	5.87	116	117	68.0-126			1.37	20
Carbon disulfide	5.00	5.34	5.43	107	109	61.0-128			1.67	20
Chlorobenzene	5.00	5.20	5.22	104	104	80.0-121			0.384	20
Chlorodibromomethane	5.00	5.01	4.96	100	99.2	77.0-125			1.00	20
Chloroethane	5.00	5.61	5.45	112	109	47.0-150			2.89	20
Chloroform	5.00	5.29	5.18	106	104	73.0-120			2.10	20
Chloromethane	5.00	5.61	5.46	112	109	41.0-142			2.71	20
Cyclohexane	5.00	5.21	5.37	104	107	71.0-124			3.02	20
2-Chlorotoluene	5.00	5.47	5.48	109	110	76.0-123			0.183	20
4-Chlorotoluene	5.00	5.28	5.40	106	108	75.0-122			2.25	20
1,2-Dibromo-3-Chloropropane	5.00	5.20	4.99	104	99.8	58.0-134			4.12	20
1,2-Dibromoethane	5.00	4.90	5.02	98.0	100	80.0-122			2.42	20
Dibromomethane	5.00	5.37	5.12	107	102	80.0-120			4.77	20
1,2-Dichlorobenzene	5.00	5.14	5.13	103	103	79.0-121			0.195	20
1,3-Dichlorobenzene	5.00	5.30	5.25	106	105	79.0-120			0.948	20
1,4-Dichlorobenzene	5.00	4.97	5.26	99.4	105	79.0-120			5.67	20
Dichlorodifluoromethane	5.00	4.70	4.59	94.0	91.8	51.0-149			2.37	20
1,1-Dichloroethane	5.00	5.80	5.75	116	115	70.0-126			0.866	20
1,2-Dichloroethane	5.00	5.82	5.66	116	113	70.0-128			2.79	20
1,1-Dichloroethene	5.00	5.15	5.07	103	101	71.0-124			1.57	20
cis-1,2-Dichloroethene	5.00	5.49	5.38	110	108	73.0-120			2.02	20
trans-1,2-Dichloroethene	5.00	5.39	5.20	108	104	73.0-120			3.59	20
1,2-Dichloropropane	5.00	5.75	5.83	115	117	77.0-125			1.38	20
1,1-Dichloropropene	5.00	5.63	5.58	113	112	74.0-126			0.892	20
1,3-Dichloropropane	5.00	5.05	5.09	101	102	80.0-120			0.789	20
cis-1,3-Dichloropropene	5.00	5.23	5.08	105	102	80.0-123			2.91	20
trans-1,3-Dichloropropene	5.00	5.12	5.27	102	105	78.0-124			2.89	20
2,2-Dichloropropane	5.00	5.98	5.85	120	117	58.0-130			2.20	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4042443-1 03/03/24 07:49 • (LCSD) R4042443-2 03/03/24 08:09

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.95	5.73	119	115	74.0-126			3.77	20
Di-isopropyl ether	5.00	6.56	6.67	131	133	58.0-138			1.66	20
Ethylbenzene	5.00	5.08	5.28	102	106	79.0-123			3.86	20
4-Ethyltoluene	5.00	5.46	5.34	109	107	74.0-127			2.22	20
Hexachloro-1,3-butadiene	5.00	4.90	5.00	98.0	100	54.0-138			2.02	20
n-Hexane	5.00	7.07	7.00	141	140	57.0-133	L1	L1	0.995	20
Isopropylbenzene	5.00	5.43	5.45	109	109	76.0-127			0.368	20
p-Isopropyltoluene	5.00	5.11	4.84	102	96.8	76.0-125			5.43	20
2-Butanone (MEK)	25.0	35.0	35.8	140	143	44.0-160			2.26	20
Methyl Cyclohexane	5.00	5.00	4.94	100	98.8	68.0-126			1.21	20
Methylene Chloride	5.00	5.24	5.14	105	103	67.0-120			1.93	20
4-Methyl-2-pentanone (MIBK)	25.0	33.6	34.7	134	139	68.0-142			3.22	20
Methyl tert-butyl ether	5.00	5.16	5.15	103	103	68.0-125			0.194	20
Naphthalene	5.00	4.17	4.37	83.4	87.4	54.0-135			4.68	20
Propene	5.00	8.51	8.53	170	171	30.0-160	L1	L1	0.235	20
n-Propylbenzene	5.00	5.39	5.33	108	107	77.0-124			1.12	20
Styrene	5.00	5.26	5.40	105	108	73.0-130			2.63	20
1,1,1,2-Tetrachloroethane	5.00	5.32	5.09	106	102	75.0-125			4.42	20
1,1,2,2-Tetrachloroethane	5.00	5.45	5.41	109	108	65.0-130			0.737	20
1,1,2-Trichlorotrifluoroethane	5.00	5.39	5.69	108	114	69.0-132			5.42	20
Tetrachloroethene	5.00	4.88	5.08	97.6	102	72.0-132			4.02	20
Toluene	5.00	5.14	5.20	103	104	79.0-120			1.16	20
1,2,3-Trichlorobenzene	5.00	4.58	4.72	91.6	94.4	50.0-138			3.01	20
1,2,4-Trichlorobenzene	5.00	4.65	4.99	93.0	99.8	57.0-137			7.05	20
1,1,1-Trichloroethane	5.00	5.53	5.74	111	115	73.0-124			3.73	20
1,1,2-Trichloroethane	5.00	5.22	5.18	104	104	80.0-120			0.769	20
Trichloroethene	5.00	5.27	4.97	105	99.4	78.0-124			5.86	20
Trichlorofluoromethane	5.00	5.65	5.23	113	105	59.0-147			7.72	20
1,2,3-Trichloropropane	5.00	5.65	5.25	113	105	73.0-130			7.34	20
1,2,4-Trimethylbenzene	5.00	5.39	5.31	108	106	76.0-121			1.50	20
1,2,3-Trimethylbenzene	5.00	5.44	5.27	109	105	77.0-120			3.17	20
1,3,5-Trimethylbenzene	5.00	5.36	5.26	107	105	76.0-122			1.88	20
Vinyl chloride	5.00	5.48	5.67	110	113	67.0-131			3.41	20
Xylenes, Total	15.0	15.2	15.8	101	105	79.0-123			3.87	20
(S) Toluene-d8				*94.8*	*95.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*92.8*	*92.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*103*	*103*	*70.0-130*				

L1710517-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1710517-02 03/03/24 10:21 • (MS) R4042443-4 03/03/24 16:07 • (MSD) R4042443-5 03/03/24 16:27

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	31.8	34.2	127	137	1	10.0-160			7.27	35
Acrolein	25.0	U	31.3	28.0	125	112	1	10.0-160			11.1	39
Acrylonitrile	25.0	U	36.5	38.6	146	154	1	21.0-160			5.59	32
Benzene	5.00	U	5.20	5.51	104	110	1	17.0-158			5.79	27
Bromobenzene	5.00	U	5.61	6.12	112	122	1	30.0-149			8.70	28
Bromodichloromethane	5.00	U	5.71	6.03	114	121	1	31.0-150			5.45	27
Bromoform	5.00	U	5.31	5.63	106	113	1	29.0-150			5.85	29
Bromomethane	5.00	U	2.63	2.69	52.6	53.8	1	10.0-160			2.26	38
1,3-Butadiene	5.00	U	5.22	4.84	104	96.8	1	10.0-160			7.55	22
n-Butylbenzene	5.00	U	4.85	5.23	97.0	105	1	31.0-150			7.54	30
sec-Butylbenzene	5.00	U	5.29	5.58	106	112	1	33.0-155			5.34	29
tert-Butylbenzene	5.00	U	5.58	5.92	112	118	1	34.0-153			5.91	28
Carbon tetrachloride	5.00	U	6.25	6.50	125	130	1	23.0-159			3.92	28
Carbon disulfide	5.00	U	3.19	3.25	63.8	65.0	1	10.0-156			1.86	28
Chlorobenzene	5.00	U	5.33	5.83	107	117	1	33.0-152			8.96	27
Chlorodibromomethane	5.00	U	5.41	5.98	108	120	1	37.0-149			10.0	27
Chloroethane	5.00	U	5.05	5.18	101	104	1	10.0-160			2.54	30
Chloroform	5.00	1.05	6.42	6.80	107	115	1	29.0-154			5.75	28
Chloromethane	5.00	U	4.82	5.06	96.4	101	1	10.0-160			4.86	29
Cyclohexane	5.00	U	4.41	4.49	88.2	89.8	1	19.0-160			1.80	23
2-Chlorotoluene	5.00	U	5.75	6.02	115	120	1	32.0-153			4.59	28
4-Chlorotoluene	5.00	U	5.73	6.04	115	121	1	32.0-150			5.27	28
1,2-Dibromo-3-Chloropropane	5.00	U	5.36	5.84	107	117	1	22.0-151			8.57	34
1,2-Dibromoethane	5.00	U	5.16	5.43	103	109	1	34.0-147			5.10	27
Dibromomethane	5.00	U	4.99	5.53	99.8	111	1	30.0-151			10.3	27
1,2-Dichlorobenzene	5.00	U	5.59	5.92	112	118	1	34.0-149			5.73	28
1,3-Dichlorobenzene	5.00	U	5.68	5.87	114	117	1	36.0-146			3.29	27
1,4-Dichlorobenzene	5.00	U	5.84	6.14	117	123	1	35.0-142			5.01	27
Dichlorodifluoromethane	5.00	U	4.79	4.84	95.8	96.8	1	10.0-160			1.04	29
1,1-Dichloroethane	5.00	U	5.94	6.18	119	124	1	25.0-158			3.96	27
1,2-Dichloroethane	5.00	U	5.48	5.76	110	115	1	29.0-151			4.98	27
1,1-Dichloroethene	5.00	U	4.68	4.98	93.6	99.6	1	11.0-160			6.21	29
cis-1,2-Dichloroethene	5.00	U	5.55	5.67	111	113	1	10.0-160			2.14	27
trans-1,2-Dichloroethene	5.00	U	4.75	5.12	95.0	102	1	17.0-153			7.50	27
1,2-Dichloropropane	5.00	U	5.68	6.28	114	126	1	30.0-156			10.0	27
1,1-Dichloropropene	5.00	U	5.44	5.49	109	110	1	25.0-158			0.915	27
1,3-Dichloropropane	5.00	U	5.22	5.80	104	116	1	38.0-147			10.5	27
cis-1,3-Dichloropropene	5.00	U	4.86	5.16	97.2	103	1	34.0-149			5.99	28
trans-1,3-Dichloropropene	5.00	U	5.14	5.51	103	110	1	32.0-149			6.95	28
2,2-Dichloropropane	5.00	U	5.72	5.96	114	119	1	24.0-152			4.11	29

L1710517-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1710517-02 03/03/24 10:21 • (MS) R4042443-4 03/03/24 16:07 • (MSD) R4042443-5 03/03/24 16:27

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	U	U	0.000	0.000	1	51.0-139	M2	M2	0.000	20
Di-isopropyl ether	5.00	U	6.82	7.41	136	148	1	21.0-160			8.29	28
Ethylbenzene	5.00	U	5.26	5.76	105	115	1	30.0-155			9.07	27
4-Ethyltoluene	5.00	U	5.54	5.87	111	117	1	10.0-160			5.78	20
Hexachloro-1,3-butadiene	5.00	U	5.24	5.37	105	107	1	20.0-154			2.45	34
n-Hexane	5.00	U	4.95	5.45	99.0	109	1	10.0-153			9.62	28
Isopropylbenzene	5.00	U	5.57	6.03	111	121	1	28.0-157			7.93	27
p-Isopropyltoluene	5.00	U	5.02	5.25	100	105	1	30.0-154			4.48	29
2-Butanone (MEK)	25.0	U	35.7	38.4	143	154	1	10.0-160			7.29	32
Methyl Cyclohexane	5.00	U	4.29	4.30	85.8	86.0	1	11.0-160			0.233	24
Methylene Chloride	5.00	U	4.95	5.17	99.0	103	1	23.0-144			4.35	28
4-Methyl-2-pentanone (MIBK)	25.0	U	35.5	39.1	142	156	1	29.0-160			9.65	29
Methyl tert-butyl ether	5.00	U	5.11	5.48	102	110	1	28.0-150			6.99	29
Naphthalene	5.00	U	4.19	4.48	83.8	89.6	1	12.0-156			6.69	35
Propene	5.00	U	2.86	1.47	57.2	29.4	1	10.0-160		R5	64.2	29
n-Propylbenzene	5.00	U	5.60	5.97	112	119	1	31.0-154			6.40	28
Styrene	5.00	U	3.67	2.66	73.4	53.2	1	33.0-155		R5	31.9	28
1,1,1,2-Tetrachloroethane	5.00	U	5.63	5.92	113	118	1	36.0-151			5.02	29
1,1,2,2-Tetrachloroethane	5.00	U	6.00	6.16	120	123	1	33.0-150			2.63	28
1,1,2-Trichlorotrifluoroethane	5.00	U	5.79	6.02	116	120	1	23.0-160			3.90	30
Tetrachloroethene	5.00	8.04	12.4	13.6	87.2	111	1	10.0-160			9.23	27
Toluene	5.00	U	5.07	5.51	101	110	1	26.0-154			8.32	28
1,2,3-Trichlorobenzene	5.00	U	4.77	5.08	95.4	102	1	17.0-150			6.29	36
1,2,4-Trichlorobenzene	5.00	U	4.75	5.21	95.0	104	1	24.0-150			9.24	33
1,1,1-Trichloroethane	5.00	U	5.66	6.26	113	125	1	23.0-160			10.1	28
1,1,2-Trichloroethane	5.00	U	5.45	6.06	109	121	1	35.0-147			10.6	27
Trichloroethene	5.00	U	5.15	5.37	103	107	1	10.0-160			4.18	25
Trichlorofluoromethane	5.00	U	5.85	5.99	117	120	1	17.0-160			2.36	31
1,2,3-Trichloropropane	5.00	U	5.88	6.07	118	121	1	34.0-151			3.18	29
1,2,4-Trimethylbenzene	5.00	U	5.49	5.64	110	113	1	26.0-154			2.70	27
1,2,3-Trimethylbenzene	5.00	U	5.40	5.72	108	114	1	32.0-149			5.76	28
1,3,5-Trimethylbenzene	5.00	U	5.64	5.80	113	116	1	28.0-153			2.80	27
Vinyl chloride	5.00	U	4.76	5.10	95.2	102	1	10.0-160			6.90	27
Xylenes, Total	15.0	U	16.0	17.0	107	113	1	29.0-154			6.06	28
(S) Toluene-d8					*92.5*	*94.9*		*80.0-120*				
(S) 4-Bromofluorobenzene					*87.4*	*93.4*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*101*	*100*		*70.0-130*				

L1710577-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1710577-01 03/03/24 13:24 • (MS) R4042443-6 03/03/24 16:48 • (MSD) R4042443-7 03/03/24 17:08

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	35.0	30.5	140	122	1	10.0-160			13.7	35
Acrolein	25.0	U	38.8	31.5	155	126	1	10.0-160			20.8	39
Acrylonitrile	25.0	U	38.4	33.6	154	134	1	21.0-160			13.3	32
Benzene	5.00	U	5.59	4.45	112	89.0	1	17.0-158			22.7	27
Bromobenzene	5.00	U	5.89	5.14	118	103	1	30.0-149			13.6	28
Bromodichloromethane	5.00	U	5.94	4.92	119	98.4	1	31.0-150			18.8	27
Bromoform	5.00	U	5.45	4.91	109	98.2	1	29.0-150			10.4	29
Bromomethane	5.00	U	2.87	2.41	57.4	48.2	1	10.0-160			17.4	38
1,3-Butadiene	5.00	U	6.05	4.63	121	92.6	1	10.0-160		R5	26.6	22
n-Butylbenzene	5.00	U	4.86	4.17	97.2	83.4	1	31.0-150			15.3	30
sec-Butylbenzene	5.00	U	5.45	4.48	109	89.6	1	33.0-155			19.5	29
tert-Butylbenzene	5.00	U	5.81	5.05	116	101	1	34.0-153			14.0	28
Carbon tetrachloride	5.00	3.13	9.34	7.68	124	91.0	1	23.0-159			19.5	28
Carbon disulfide	5.00	U	3.27	2.58	65.4	51.6	1	10.0-156			23.6	28
Chlorobenzene	5.00	U	5.81	4.88	116	97.6	1	33.0-152			17.4	27
Chlorodibromomethane	5.00	U	5.63	4.81	113	96.2	1	37.0-149			15.7	27
Chloroethane	5.00	U	5.11	4.42	102	88.4	1	10.0-160			14.5	30
Chloroform	5.00	1.69	7.39	6.36	114	93.4	1	29.0-154			15.0	28
Chloromethane	5.00	U	5.10	4.01	102	80.2	1	10.0-160			23.9	29
Cyclohexane	5.00	0.521	4.47	3.62	79.0	62.0	1	19.0-160			21.0	23
2-Chlorotoluene	5.00	U	6.31	5.14	126	103	1	32.0-153			20.4	28
4-Chlorotoluene	5.00	U	5.92	4.99	118	99.8	1	32.0-150			17.0	28
1,2-Dibromo-3-Chloropropane	5.00	U	5.68	4.77	114	95.4	1	22.0-151			17.4	34
1,2-Dibromoethane	5.00	U	5.44	4.77	109	95.4	1	34.0-147			13.1	27
Dibromomethane	5.00	U	5.59	4.46	112	89.2	1	30.0-151			22.5	27
1,2-Dichlorobenzene	5.00	U	5.80	5.15	116	103	1	34.0-149			11.9	28
1,3-Dichlorobenzene	5.00	U	6.00	4.98	120	99.6	1	36.0-146			18.6	27
1,4-Dichlorobenzene	5.00	U	6.09	5.27	122	105	1	35.0-142			14.4	27
Dichlorodifluoromethane	5.00	U	4.68	3.59	93.6	71.8	1	10.0-160			26.4	29
1,1-Dichloroethane	5.00	U	6.36	5.08	127	102	1	25.0-158			22.4	27
1,2-Dichloroethane	5.00	U	6.08	4.86	122	97.2	1	29.0-151			22.3	27
1,1-Dichloroethene	5.00	U	4.75	3.94	95.0	78.8	1	11.0-160			18.6	29
cis-1,2-Dichloroethene	5.00	U	5.89	4.70	118	94.0	1	10.0-160			22.5	27
trans-1,2-Dichloroethene	5.00	U	5.31	4.09	106	81.8	1	17.0-153			26.0	27
1,2-Dichloropropane	5.00	U	6.62	5.28	132	106	1	30.0-156			22.5	27
1,1-Dichloropropene	5.00	U	5.76	4.54	115	90.8	1	25.0-158			23.7	27
1,3-Dichloropropane	5.00	U	5.70	4.88	114	97.6	1	38.0-147			15.5	27
cis-1,3-Dichloropropene	5.00	U	5.25	4.32	105	86.4	1	34.0-149			19.4	28
trans-1,3-Dichloropropene	5.00	U	5.54	4.73	111	94.6	1	32.0-149			15.8	28
2,2-Dichloropropane	5.00	0.362	6.46	5.35	122	99.8	1	24.0-152			18.8	29

L1710577-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1710577-01 03/03/24 13:24 • (MS) R4042443-6 03/03/24 16:48 • (MSD) R4042443-7 03/03/24 17:08

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	6.29	5.33	126	107	1	51.0-139			16.5	20
Di-isopropyl ether	5.00	U	7.57	6.23	151	125	1	21.0-160			19.4	28
Ethylbenzene	5.00	U	5.59	4.76	112	95.2	1	30.0-155			16.0	27
4-Ethyltoluene	5.00	U	5.68	4.98	114	99.6	1	10.0-160			13.1	20
Hexachloro-1,3-butadiene	5.00	U	4.95	4.20	99.0	84.0	1	20.0-154			16.4	34
n-Hexane	5.00	U	5.05	3.67	101	73.4	1	10.0-153		R5	31.7	28
Isopropylbenzene	5.00	U	6.15	4.99	123	99.8	1	28.0-157			20.8	27
p-Isopropyltoluene	5.00	U	5.12	4.38	102	87.6	1	30.0-154			15.6	29
2-Butanone (MEK)	25.0	U	38.8	34.1	155	136	1	10.0-160			12.9	32
Methyl Cyclohexane	5.00	U	3.95	3.18	79.0	63.6	1	11.0-160			21.6	24
Methylene Chloride	5.00	U	5.32	4.27	106	85.4	1	23.0-144			21.9	28
4-Methyl-2-pentanone (MIBK)	25.0	U	39.4	34.1	158	136	1	29.0-160			14.4	29
Methyl tert-butyl ether	5.00	U	5.58	4.85	112	97.0	1	28.0-150			14.0	29
Naphthalene	5.00	U	4.43	4.05	88.6	81.0	1	12.0-156			8.96	35
Propene	5.00	U	4.41	3.47	86.0	67.2	1	10.0-160			23.9	29
n-Propylbenzene	5.00	U	5.77	4.88	115	97.6	1	31.0-154			16.7	28
Styrene	5.00	U	5.83	4.67	117	93.4	1	33.0-155			22.1	28
1,1,1,2-Tetrachloroethane	5.00	U	5.98	5.05	120	101	1	36.0-151			16.9	29
1,1,2,2-Tetrachloroethane	5.00	U	6.25	5.64	125	113	1	33.0-150			10.3	28
1,1,2-Trichlorotrifluoroethane	5.00	U	5.76	4.78	115	95.6	1	23.0-160			18.6	30
Tetrachloroethene	5.00	U	5.58	4.14	112	82.8	1	10.0-160		R5	29.6	27
Toluene	5.00	U	5.39	4.61	108	92.2	1	26.0-154			15.6	28
1,2,3-Trichlorobenzene	5.00	U	5.07	4.65	101	93.0	1	17.0-150			8.64	36
1,2,4-Trichlorobenzene	5.00	U	5.31	4.55	106	91.0	1	24.0-150			15.4	33
1,1,1-Trichloroethane	5.00	U	6.37	5.08	127	102	1	23.0-160			22.5	28
1,1,2-Trichloroethane	5.00	U	5.91	5.26	118	105	1	35.0-147			11.6	27
Trichloroethene	5.00	U	5.28	4.49	106	89.8	1	10.0-160			16.2	25
Trichlorofluoromethane	5.00	U	6.05	4.82	121	96.4	1	17.0-160			22.6	31
1,2,3-Trichloropropane	5.00	U	5.87	5.40	117	108	1	34.0-151			8.34	29
1,2,4-Trimethylbenzene	5.00	U	5.86	4.86	117	97.2	1	26.0-154			18.7	27
1,2,3-Trimethylbenzene	5.00	U	5.74	4.81	115	96.2	1	32.0-149			17.6	28
1,3,5-Trimethylbenzene	5.00	U	5.77	4.82	115	96.4	1	28.0-153			17.9	27
Vinyl chloride	5.00	U	5.34	3.96	107	79.2	1	10.0-160		R5	29.7	27
Xylenes, Total	15.0	U	17.3	13.9	115	92.7	1	29.0-154			21.8	28
(S) Toluene-d8					*95.6*	*93.9*		*80.0-120*				
(S) 4-Bromofluorobenzene					*94.1*	*93.3*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*99.9*	*100*		*70.0-130*				

Method Blank (MB)

(MB) R4041438-2 03/04/24 22:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4041438-2 03/04/24 22:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*88.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4041438-1 03/04/24 20:33 • (LCSD) R4041438-3 03/04/24 22:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.470	0.986	75.2	158	30.0-160		R7	70.9	31
Acrylonitrile	0.625	0.605	0.760	96.8	122	45.0-153		R7	22.7	22
Benzene	0.125	0.123	0.125	98.4	100	70.0-123			1.61	20
Bromobenzene	0.125	0.131	0.115	105	92.0	73.0-121			13.0	20
Bromodichloromethane	0.125	0.114	0.114	91.2	91.2	73.0-121			0.000	20
Bromoform	0.125	0.104	0.109	83.2	87.2	64.0-132			4.69	20
Bromomethane	0.125	0.129	0.137	103	110	56.0-147			6.02	20
1,3-Butadiene	0.125	0.128	0.142	102	114	32.0-150			10.4	20
n-Butylbenzene	0.125	0.124	0.121	99.2	96.8	68.0-135			2.45	20
sec-Butylbenzene	0.125	0.112	0.105	89.6	84.0	74.0-130			6.45	20
tert-Butylbenzene	0.125	0.108	0.107	86.4	85.6	75.0-127			0.930	20
Carbon disulfide	0.125	0.117	0.123	93.6	98.4	56.0-133			5.00	20
Carbon tetrachloride	0.125	0.114	0.119	91.2	95.2	66.0-128			4.29	20
Chlorobenzene	0.125	0.122	0.124	97.6	99.2	76.0-128			1.63	20
Chlorodibromomethane	0.125	0.113	0.111	90.4	88.8	74.0-127			1.79	20
Chloroethane	0.125	0.135	0.154	108	123	61.0-134			13.1	20
Chloroform	0.125	0.123	0.134	98.4	107	72.0-123			8.56	20
Chloromethane	0.125	0.144	0.160	115	128	51.0-138			10.5	20
2-Chlorotoluene	0.125	0.127	0.114	102	91.2	75.0-124			10.8	20
4-Chlorotoluene	0.125	0.131	0.116	105	92.8	75.0-124			12.1	20
Cyclohexane	0.125	0.111	0.131	88.8	105	70.0-130			16.5	20
1,2-Dibromo-3-Chloropropane	0.125	0.0945	0.115	75.6	92.0	59.0-130			19.6	20
1,2-Dibromoethane	0.125	0.120	0.137	96.0	110	74.0-128			13.2	20
Dibromomethane	0.125	0.125	0.130	100	104	75.0-122			3.92	20
1,2-Dichlorobenzene	0.125	0.122	0.126	97.6	101	76.0-124			3.23	20
1,3-Dichlorobenzene	0.125	0.133	0.126	106	101	76.0-125			5.41	20
1,4-Dichlorobenzene	0.125	0.131	0.124	105	99.2	77.0-121			5.49	20
Dichlorodifluoromethane	0.125	0.146	0.160	117	128	43.0-156			9.15	20
1,1-Dichloroethane	0.125	0.123	0.129	98.4	103	70.0-127			4.76	20
1,2-Dichloroethane	0.125	0.120	0.132	96.0	106	65.0-131			9.52	20
1,1-Dichloroethene	0.125	0.122	0.135	97.6	108	65.0-131			10.1	20
cis-1,2-Dichloroethene	0.125	0.127	0.135	102	108	73.0-125			6.11	20
trans-1,2-Dichloroethene	0.125	0.132	0.137	106	110	71.0-125			3.72	20
1,2-Dichloropropane	0.125	0.129	0.119	103	95.2	74.0-125			8.06	20
1,1-Dichloropropene	0.125	0.135	0.135	108	108	73.0-125			0.000	20
1,3-Dichloropropane	0.125	0.129	0.139	103	111	80.0-125			7.46	20
cis-1,3-Dichloropropene	0.125	0.124	0.130	99.2	104	76.0-127			4.72	20
trans-1,3-Dichloropropene	0.125	0.111	0.126	88.8	101	73.0-127			12.7	20
2,2-Dichloropropane	0.125	0.117	0.128	93.6	102	59.0-135			8.98	20
Dicyclopentadiene	0.125	0.0938	0.102	75.0	81.6	71.0-132			8.38	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4041438-1 03/04/24 20:33 • (LCSD) R4041438-3 03/04/24 22:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.143	0.152	114	122	60.0-136			6.10	20
Ethylbenzene	0.125	0.125	0.115	100	92.0	74.0-126			8.33	20
4-Ethyltoluene	0.125	0.128	0.106	102	84.8	71.0-129			18.8	20
Hexachloro-1,3-butadiene	0.125	0.101	0.138	80.8	110	57.0-150		R7	31.0	20
n-Hexane	0.125	0.159	0.174	127	139	55.0-137		L1	9.01	20
Isopropylbenzene	0.125	0.120	0.114	96.0	91.2	72.0-127			5.13	20
p-Isopropyltoluene	0.125	0.123	0.117	98.4	93.6	72.0-133			5.00	20
2-Butanone (MEK)	0.625	0.499	0.853	79.8	136	30.0-160		R7	52.4	24
Methylene Chloride	0.125	0.121	0.138	96.8	110	68.0-123			13.1	20
4-Methyl-2-pentanone (MIBK)	0.625	0.603	0.647	96.5	104	56.0-143			7.04	20
Methyl tert-butyl ether	0.125	0.125	0.133	100	106	66.0-132			6.20	20
Methyl Cyclohexane	0.125	0.153	0.157	122	126	67.0-129			2.58	20
Naphthalene	0.125	0.108	0.140	86.4	112	59.0-130		R7	25.8	20
Propene	0.125	0.0535	0.0643	42.8	51.4	30.0-160			18.3	20
n-Propylbenzene	0.125	0.140	0.114	112	91.2	74.0-126		R7	20.5	20
Styrene	0.125	0.120	0.105	96.0	84.0	72.0-127			13.3	20
1,1,1,2-Tetrachloroethane	0.125	0.103	0.106	82.4	84.8	74.0-129			2.87	20
1,1,2,2-Tetrachloroethane	0.125	0.128	0.128	102	102	68.0-128			0.000	20
1,1,2-Trichlorotrifluoroethane	0.125	0.128	0.131	102	105	61.0-139			2.32	20
Tetrachloroethene	0.125	0.125	0.123	100	98.4	70.0-136			1.61	20
Toluene	0.125	0.124	0.120	99.2	96.0	75.0-121			3.28	20
1,2,3-Trichlorobenzene	0.125	0.119	0.145	95.2	116	59.0-139			19.7	20
1,2,4-Trichlorobenzene	0.125	0.105	0.140	84.0	112	62.0-137		R7	28.6	20
1,1,1-Trichloroethane	0.125	0.113	0.121	90.4	96.8	69.0-126			6.84	20
1,1,2-Trichloroethane	0.125	0.117	0.118	93.6	94.4	78.0-123			0.851	20
Trichloroethene	0.125	0.126	0.118	101	94.4	76.0-126			6.56	20
Trichlorofluoromethane	0.125	0.0866	0.0989	69.3	79.1	61.0-142			13.3	20
1,2,3-Trichloropropane	0.125	0.125	0.122	100	97.6	67.0-129			2.43	20
1,2,4-Trimethylbenzene	0.125	0.123	0.112	98.4	89.6	70.0-126			9.36	20
1,2,3-Trimethylbenzene	0.125	0.117	0.118	93.6	94.4	74.0-124			0.851	20
1,3,5-Trimethylbenzene	0.125	0.124	0.115	99.2	92.0	73.0-127			7.53	20
Vinyl chloride	0.125	0.122	0.134	97.6	107	63.0-134			9.38	20
Xylenes, Total	0.375	0.352	0.322	93.9	85.9	72.0-127			8.90	20
(S) Toluene-d8				*96.9*	*99.4*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.4*	*97.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*102*	*107*	*70.0-130*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS55 • File ID: 0304_29

03/04/24 20:33

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0304_29	452900.20	136081.50	152001.50
Upper Limit		905800	272163	304003
Lower Limit		226450	68041	76001
LCS R4041438-1 WG2239459 1x	0304_29LCS	452900.20	136081.50	152001.50
BLANK R4041438-2 WG2239459 1x	0304_34	522605.60	143844	149502.30
LCSD R4041438-3 WG2239459 1x	0304_35	390356.20	112899.40	142996.10
L1710515-01 WG2239459 1x	0304_48	511481.60	140131.80	154548
L1710515-02 WG2239459 1x	0304_49	552400.50	152055.80	157660.80
L1710515-03 WG2239459 1x	0304_50	533639.40	149189.70	157133
L1710515-04 WG2239459 1x	0304_51	545570.40	145099	154840.60
L1710515-05 WG2239459 1x	0304_52	530151.60	146176.20	155968.60
L1710515-06 WG2239459 1x	0304_53	545803.10	152340.90	162238.50
L1710515-07 WG2239459 1x	0304_54	436880.80	119917.30	141949.30
L1710515-08 WG2239459 1x	0304_55	527856.60	138850	153453.90
L1710515-09 WG2239459 1x	0304_56	599351.40	158542.80	165525.60
L1710515-10 WG2239459 1x	0304_57	517991.20	143085.30	158815.80
L1710515-11 WG2239459 1x	0304_58	489831.60	134999.70	140841.60
L1710515-12 WG2239459 1x	0304_59	518322.70	140005	155735
L1710515-13 WG2239459 1x	0304_60	517383.50	143287.80	151576.70
L1710515-14 WG2239459 1x	0304_61	473112.20	131067.30	143872.30

INTERNAL STANDARD SUMMARY

Instrument: VOCMS20 • File ID: 0303_02

03/03/24 07:49

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0303_02	251099	116669	100447
Upper Limit		502198	233338	200894
Lower Limit		125550	58335	50224
LCS R4042443-1 WG2238541 1x	0303_02LCS	251099	116669	100447
LCSD R4042443-2 WG2238541 1x	0303_03	252940	115716	101429
BLANK R4042443-3 WG2238541 1x	0303_05	237055	103410	90046
L1710515-15 WG2238541 1x	0303_06	310635	138681	119069
MS R4042443-4 WG2238541 1x	0303_26	228660	105309	89299
MSD R4042443-5 WG2238541 1x	0303_27	221262	99653	86702
MS R4042443-6 WG2238541 1x	0303_28	232562	106595	94659
MSD R4042443-7 WG2238541 1x	0303_29	228300	101425	88019

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
L1	The associated blank spike recovery was above laboratory acceptance limits.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
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Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. ~~2709152~~** 2705326

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # 2705326

P.O. # 2705326 SBS

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B 40 mL MeoH	PAH 8270SIM 4 oz								Remarks	Sample # (lab only)
SB-4-105	G	SS	105	2/26/24	1005	2	X	X									-01
SB-4-110	G	SS	110	2/26/24	1016	2	X	X									-02
SB-4-115	G	SS	115	2/26/24	1051	2	X	X									-03
SB-4-120	G	SS	120	2/26/24	1148	2	X	X									-04
SB-4-125	G	SS	125	2/26/24	1151	2	X	X									-05
SB-4-130	G	SS	130	2/26/24	1213	2	X	X									-06
SB-4-135	G	SS	135	2/26/24	1316	2	X	X									-07
SB-4-140	G	SS	140	2/26/24	1345	2	X	X									-08
SB-4-145	G	SS	145	2/26/24	1404	2	X	X									-09
SB-4-150	G	SS	150	2/26/24	1456	2	X	X									-10

Chain of Custody Page 1 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 170515

A070

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: HOLD PAHs

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6643 4316 0614

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	2/28/24	1320		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	2/28/24	1618		MSA1 2.0 4 0 20	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
	2/28/24	1800	SMA	2-29-24 9:00	

ONOAZ

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store No. ~~2709152~~ 2705326**

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # 2705326

P.O. # 2705326 SBS

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #
00107122

Date Results Needed: Standard TAT

L # 171015

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM	Remarks	Sample # (lab only)
SB-4-155	G	SS	155	2/27/24	0806	2	X			-11
SB-4-160	G	SS	160	2/27/24	0854	2	X			-12
SB-4-165	G	SS	165	2/27/24	0956	2	X			-13
SB-4-170	G	SS	170	2/27/24	1127	2	X			-14
Trip Blank	—	OT	—		—	1	X			-15

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: HOLD PAHs

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 6643 4316 0614

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	2/28/24	1320		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
	2/28/24	16:18		1.5A9 2.0+0=2.0	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
	2/28/24	1800	SMA	2-29-24 9:00	

DNPAZ

ANALYTICAL REPORT

March 19, 2024

EnCore Consulting, LLC.

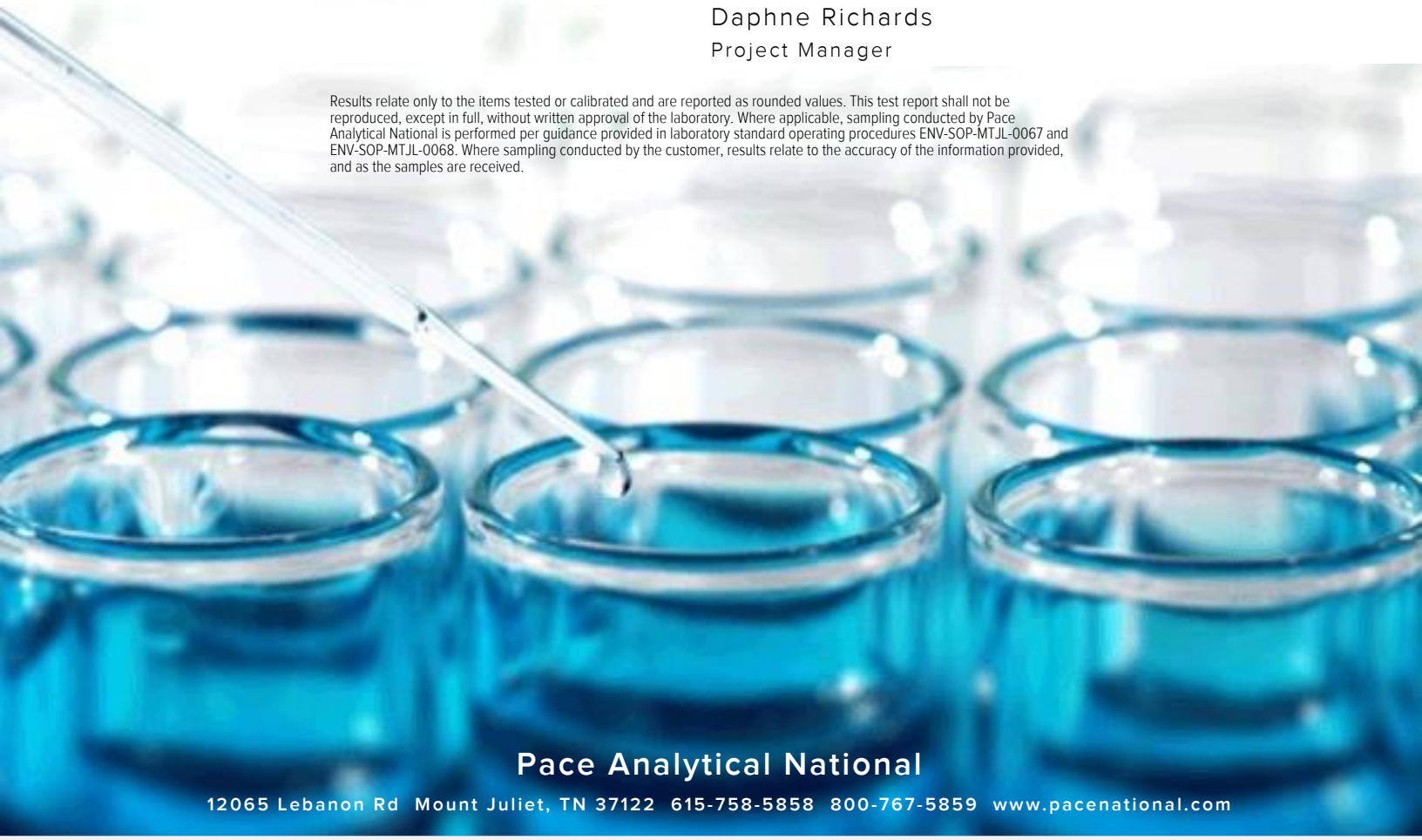
Sample Delivery Group:	L1713849
Samples Received:	03/09/2024
Project Number:	CK2705326
Description:	Circle K Store 2705326
Site:	CIRCLE K STORE 2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-5-5 L1713849-01 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 13:42 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 13:42	03/14/24 11:48	DWR	Mt. Juliet, TN

SB-5-10 L1713849-02 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 14:00 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 14:00	03/14/24 12:08	DWR	Mt. Juliet, TN

SB-5-15 L1713849-03 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 14:13 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 14:13	03/14/24 12:28	DWR	Mt. Juliet, TN

SB-5-20 L1713849-04 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 14:33 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 14:33	03/14/24 12:48	DWR	Mt. Juliet, TN

SB-5-25 L1713849-05 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 14:50 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 14:50	03/14/24 13:08	DWR	Mt. Juliet, TN

SB-5-30 L1713849-06 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 15:01 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 15:01	03/14/24 13:28	DWR	Mt. Juliet, TN

SB-5-35 L1713849-07 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 15:18 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 15:18	03/14/24 13:48	DWR	Mt. Juliet, TN

SB-5-40 L1713849-08 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 15:32 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 15:32	03/14/24 14:08	DWR	Mt. Juliet, TN

SB-5-45 L1713849-09 Solid

Collected by: Parker Schroeder | Collected date/time: 03/04/24 15:51 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/04/24 15:51	03/14/24 14:28	DWR	Mt. Juliet, TN

SB-5-50 L1713849-10 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 07:48 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/05/24 07:48	03/14/24 14:48	DWR	Mt. Juliet, TN

SB-5-55 L1713849-11 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 08:07 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/05/24 08:07	03/14/24 15:08	DWR	Mt. Juliet, TN

SB-5-60 L1713849-12 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 08:25 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 08:25	03/15/24 20:22	ACG	Mt. Juliet, TN

SB-5-65 L1713849-13 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 08:46 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 08:46	03/15/24 20:41	ACG	Mt. Juliet, TN

SB-5-70 L1713849-14 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 09:14 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 09:14	03/15/24 21:01	ACG	Mt. Juliet, TN

SB-5-75 L1713849-15 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 09:34 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 09:34	03/15/24 21:20	ACG	Mt. Juliet, TN

SB-5-80 L1713849-16 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 11:12 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 11:12	03/15/24 21:39	ACG	Mt. Juliet, TN

SB-5-85 L1713849-17 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 11:31 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 11:31	03/15/24 21:59	ACG	Mt. Juliet, TN

SB-5-90 L1713849-18 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 11:59 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 11:59	03/15/24 22:18	ACG	Mt. Juliet, TN

SB-5-95 L1713849-19 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 12:38 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 12:38	03/15/24 22:38	ACG	Mt. Juliet, TN

SB-5-100 L1713849-20 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 12:53 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 12:53	03/15/24 22:57	ACG	Mt. Juliet, TN

SB-5-105 L1713849-21 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 13:24 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 13:24	03/15/24 23:17	ACG	Mt. Juliet, TN

SB-5-110 L1713849-22 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 14:03 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 14:03	03/15/24 23:36	ACG	Mt. Juliet, TN

SB-5-115 L1713849-23 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 14:41 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 14:41	03/15/24 23:56	ACG	Mt. Juliet, TN

SB-5-120 L1713849-24 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 15:30 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 15:30	03/16/24 00:16	ACG	Mt. Juliet, TN

SB-5-125 L1713849-25 Solid

Collected by: Parker Schroeder | Collected date/time: 03/05/24 16:04 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/05/24 16:04	03/16/24 00:35	ACG	Mt. Juliet, TN

SB-5-130 L1713849-26 Solid

Collected by: Parker Schroeder | Collected date/time: 03/06/24 08:30 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/06/24 08:30	03/16/24 00:55	ACG	Mt. Juliet, TN

SB-5-135 L1713849-27 Solid

Collected by: Parker Schroeder | Collected date/time: 03/06/24 09:18 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/06/24 09:18	03/16/24 01:15	ACG	Mt. Juliet, TN

SB-5-140 L1713849-28 Solid

Collected by: Parker Schroeder | Collected date/time: 03/06/24 10:14 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1.1	03/06/24 10:14	03/16/24 01:34	ACG	Mt. Juliet, TN

SB-5-145 L1713849-29 Solid

Collected by: Parker Schroeder | Collected date/time: 03/06/24 13:30 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1.01	03/06/24 13:30	03/16/24 01:54	ACG	Mt. Juliet, TN

SB-5-150 L1713849-30 Solid

Collected by: Parker Schroeder | Collected date/time: 03/06/24 14:29 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1	03/06/24 14:29	03/16/24 02:14	ACG	Mt. Juliet, TN

SB-5-155 L1713849-31 Solid

Collected by: Parker Schroeder | Collected date/time: 03/06/24 15:59 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247575	1.01	03/06/24 15:59	03/16/24 02:34	ACG	Mt. Juliet, TN

SB-5-160 L1713849-32 Solid

Collected by: Parker Schroeder | Collected date/time: 03/07/24 09:28 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2248022	1	03/07/24 09:28	03/16/24 17:28	JAH	Mt. Juliet, TN

SB-5-165 L1713849-33 Solid

Collected by: Parker Schroeder | Collected date/time: 03/07/24 11:18 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2248022	1	03/07/24 11:18	03/16/24 17:47	JAH	Mt. Juliet, TN

SB-5-170 L1713849-34 Solid

Collected by: Parker Schroeder | Collected date/time: 03/07/24 13:23 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2248022	1	03/07/24 13:23	03/16/24 18:06	JAH	Mt. Juliet, TN

SB-5-175 L1713849-35 Solid

Collected by: Parker Schroeder | Collected date/time: 03/07/24 14:43 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2248022	1	03/07/24 14:43	03/16/24 18:25	JAH	Mt. Juliet, TN

TRIP BLANK L1713849-36 GW

Collected by: Parker Schroeder | Collected date/time: 03/07/24 00:00 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247110	1	03/14/24 22:55	03/14/24 22:55	JCP	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1713849-01	SB-5-5	8260B
L1713849-02	SB-5-10	8260B
L1713849-03	SB-5-15	8260B
L1713849-04	SB-5-20	8260B
L1713849-05	SB-5-25	8260B
L1713849-06	SB-5-30	8260B
L1713849-07	SB-5-35	8260B
L1713849-08	SB-5-40	8260B
L1713849-09	SB-5-45	8260B
L1713849-10	SB-5-50	8260B
L1713849-11	SB-5-55	8260B
L1713849-12	SB-5-60	8260B
L1713849-13	SB-5-65	8260B
L1713849-14	SB-5-70	8260B
L1713849-15	SB-5-75	8260B
L1713849-16	SB-5-80	8260B
L1713849-17	SB-5-85	8260B
L1713849-18	SB-5-90	8260B
L1713849-19	SB-5-95	8260B
L1713849-20	SB-5-100	8260B
L1713849-21	SB-5-105	8260B
L1713849-22	SB-5-110	8260B
L1713849-23	SB-5-115	8260B
L1713849-24	SB-5-120	8260B
L1713849-25	SB-5-125	8260B
L1713849-26	SB-5-130	8260B
L1713849-27	SB-5-135	8260B
L1713849-28	SB-5-140	8260B
L1713849-29	SB-5-145	8260B
L1713849-30	SB-5-150	8260B
L1713849-31	SB-5-155	8260B
L1713849-32	SB-5-160	8260B
L1713849-33	SB-5-165	8260B
L1713849-34	SB-5-170	8260B
L1713849-35	SB-5-175	8260B
L1713849-36	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 11:48	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 11:48	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 11:48	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 11:48	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 11:48	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 11:48	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 11:48	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 11:48	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 11:48	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 11:48	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 11:48	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 11:48	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 11:48	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 11:48	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 11:48	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 11:48	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 11:48	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 11:48	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 11:48	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 11:48	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 11:48	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 11:48	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 11:48	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 11:48	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 11:48	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 11:48	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 11:48	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 11:48	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 11:48	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 11:48	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 11:48	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 11:48	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 11:48	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 11:48	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 11:48	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 11:48	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 11:48	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 11:48	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 11:48	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 11:48	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 11:48	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 11:48	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 11:48	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 11:48	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 11:48	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 11:48	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 11:48	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 11:48	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 11:48	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 11:48	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 11:48	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 11:48	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 11:48	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 11:48	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 11:48	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 11:48	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 11:48	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 11:48	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 11:48	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 11:48	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 11:48	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 11:48	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 11:48	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 11:48	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 11:48	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 11:48	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 11:48	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 11:48	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 11:48	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 11:48	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 11:48	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 11:48	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 11:48	WG2246636
(S) Toluene-d8	*114*			*75.0-131*		*03/14/2024 11:48*	WG2246636
(S) 4-Bromofluorobenzene	*96.7*			*67.0-138*		*03/14/2024 11:48*	WG2246636
(S) 1,2-Dichloroethane-d4	*84.1*			*70.0-130*		*03/14/2024 11:48*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 12:08	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 12:08	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 12:08	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 12:08	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 12:08	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 12:08	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 12:08	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 12:08	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 12:08	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 12:08	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 12:08	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 12:08	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 12:08	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 12:08	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 12:08	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 12:08	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 12:08	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 12:08	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 12:08	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 12:08	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 12:08	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 12:08	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 12:08	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 12:08	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 12:08	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 12:08	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 12:08	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 12:08	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 12:08	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 12:08	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 12:08	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 12:08	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 12:08	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 12:08	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 12:08	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 12:08	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 12:08	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 12:08	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 12:08	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 12:08	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 12:08	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 12:08	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 12:08	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 12:08	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 12:08	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 12:08	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 12:08	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 12:08	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 12:08	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 12:08	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 12:08	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 12:08	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 12:08	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 12:08	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 12:08	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 12:08	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 12:08	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 12:08	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 12:08	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 12:08	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 12:08	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 12:08	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 12:08	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 12:08	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 12:08	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 12:08	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 12:08	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 12:08	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 12:08	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 12:08	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 12:08	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 12:08	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 12:08	WG2246636
(S) Toluene-d8	*111*			*75.0-131*		*03/14/2024 12:08*	WG2246636
(S) 4-Bromofluorobenzene	*97.4*			*67.0-138*		*03/14/2024 12:08*	WG2246636
(S) 1,2-Dichloroethane-d4	*83.4*			*70.0-130*		*03/14/2024 12:08*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 12:28	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 12:28	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 12:28	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 12:28	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 12:28	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 12:28	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 12:28	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 12:28	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 12:28	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 12:28	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 12:28	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 12:28	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 12:28	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 12:28	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 12:28	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 12:28	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 12:28	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 12:28	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 12:28	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 12:28	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 12:28	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 12:28	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 12:28	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 12:28	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 12:28	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 12:28	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 12:28	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 12:28	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 12:28	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 12:28	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 12:28	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 12:28	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 12:28	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 12:28	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 12:28	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 12:28	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 12:28	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 12:28	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 12:28	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 12:28	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 12:28	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 12:28	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 12:28	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 12:28	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 12:28	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 12:28	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 12:28	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 12:28	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 12:28	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 12:28	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 12:28	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 12:28	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 12:28	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 12:28	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 12:28	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 12:28	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 12:28	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 12:28	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 12:28	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 12:28	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 12:28	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 12:28	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 12:28	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 12:28	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 12:28	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 12:28	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 12:28	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 12:28	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 12:28	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 12:28	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 12:28	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 12:28	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 12:28	WG2246636
(S) Toluene-d8	*107*			*75.0-131*		*03/14/2024 12:28*	WG2246636
(S) 4-Bromofluorobenzene	*96.7*			*67.0-138*		*03/14/2024 12:28*	WG2246636
(S) 1,2-Dichloroethane-d4	*86.1*			*70.0-130*		*03/14/2024 12:28*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 12:48	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 12:48	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 12:48	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 12:48	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 12:48	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 12:48	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 12:48	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 12:48	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 12:48	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 12:48	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 12:48	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 12:48	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 12:48	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 12:48	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 12:48	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 12:48	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 12:48	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 12:48	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 12:48	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 12:48	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 12:48	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 12:48	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 12:48	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 12:48	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 12:48	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 12:48	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 12:48	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 12:48	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 12:48	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 12:48	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 12:48	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 12:48	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 12:48	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 12:48	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 12:48	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 12:48	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 12:48	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 12:48	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 12:48	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 12:48	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 12:48	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 12:48	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 12:48	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 12:48	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 12:48	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 12:48	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 12:48	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 12:48	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 12:48	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 12:48	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 12:48	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 12:48	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 12:48	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 12:48	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 12:48	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 12:48	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 12:48	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 12:48	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 12:48	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 12:48	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 12:48	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 12:48	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 12:48	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 12:48	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 12:48	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 12:48	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 12:48	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 12:48	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 12:48	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 12:48	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 12:48	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 12:48	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 12:48	WG2246636
(S) Toluene-d8	*106*			*75.0-131*		*03/14/2024 12:48*	WG2246636
(S) 4-Bromofluorobenzene	*88.4*			*67.0-138*		*03/14/2024 12:48*	WG2246636
(S) 1,2-Dichloroethane-d4	*86.9*			*70.0-130*		*03/14/2024 12:48*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 13:08	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 13:08	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 13:08	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 13:08	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 13:08	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 13:08	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 13:08	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 13:08	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 13:08	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 13:08	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 13:08	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 13:08	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 13:08	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 13:08	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 13:08	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 13:08	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 13:08	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 13:08	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 13:08	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 13:08	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 13:08	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 13:08	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 13:08	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 13:08	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 13:08	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 13:08	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 13:08	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 13:08	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 13:08	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 13:08	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 13:08	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 13:08	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 13:08	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 13:08	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 13:08	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 13:08	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 13:08	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 13:08	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 13:08	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 13:08	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 13:08	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 13:08	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 13:08	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 13:08	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 13:08	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 13:08	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 13:08	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 13:08	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 13:08	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 13:08	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 13:08	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 13:08	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 13:08	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 13:08	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 13:08	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 13:08	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 13:08	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 13:08	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 13:08	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 13:08	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 13:08	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 13:08	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 13:08	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 13:08	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 13:08	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 13:08	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 13:08	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 13:08	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 13:08	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 13:08	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 13:08	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 13:08	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 13:08	WG2246636
(S) Toluene-d8	*115*			*75.0-131*		*03/14/2024 13:08*	WG2246636
(S) 4-Bromofluorobenzene	*94.4*			*67.0-138*		*03/14/2024 13:08*	WG2246636
(S) 1,2-Dichloroethane-d4	*84.9*			*70.0-130*		*03/14/2024 13:08*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 13:28	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 13:28	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 13:28	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 13:28	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 13:28	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 13:28	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 13:28	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 13:28	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 13:28	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 13:28	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 13:28	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 13:28	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 13:28	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 13:28	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 13:28	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 13:28	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 13:28	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 13:28	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 13:28	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 13:28	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 13:28	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 13:28	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 13:28	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 13:28	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 13:28	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 13:28	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 13:28	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 13:28	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 13:28	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 13:28	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 13:28	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 13:28	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 13:28	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 13:28	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 13:28	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 13:28	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 13:28	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 13:28	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 13:28	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 13:28	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 13:28	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 13:28	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 13:28	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 13:28	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 13:28	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 13:28	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 13:28	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 13:28	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 13:28	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 13:28	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 13:28	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 13:28	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 13:28	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 13:28	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 13:28	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 13:28	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 13:28	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 13:28	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 13:28	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 13:28	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 13:28	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 13:28	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 13:28	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 13:28	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 13:28	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 13:28	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 13:28	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 13:28	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 13:28	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 13:28	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 13:28	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 13:28	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 13:28	WG2246636
(S) Toluene-d8	*105*			*75.0-131*		*03/14/2024 13:28*	WG2246636
(S) 4-Bromofluorobenzene	*87.5*			*67.0-138*		*03/14/2024 13:28*	WG2246636
(S) 1,2-Dichloroethane-d4	*88.6*			*70.0-130*		*03/14/2024 13:28*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 13:48	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 13:48	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 13:48	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 13:48	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 13:48	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 13:48	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 13:48	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 13:48	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 13:48	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 13:48	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 13:48	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 13:48	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 13:48	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 13:48	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 13:48	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 13:48	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 13:48	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 13:48	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 13:48	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 13:48	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 13:48	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 13:48	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 13:48	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 13:48	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 13:48	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 13:48	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 13:48	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 13:48	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 13:48	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 13:48	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 13:48	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 13:48	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 13:48	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 13:48	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 13:48	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 13:48	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 13:48	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 13:48	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 13:48	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 13:48	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 13:48	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 13:48	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 13:48	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 13:48	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 13:48	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 13:48	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 13:48	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 13:48	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 13:48	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 13:48	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 13:48	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 13:48	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 13:48	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 13:48	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 13:48	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 13:48	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 13:48	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 13:48	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 13:48	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 13:48	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 13:48	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 13:48	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 13:48	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 13:48	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 13:48	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 13:48	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 13:48	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 13:48	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 13:48	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 13:48	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 13:48	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 13:48	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 13:48	WG2246636
(S) Toluene-d8	*117*			*75.0-131*		*03/14/2024 13:48*	WG2246636
(S) 4-Bromofluorobenzene	*97.4*			*67.0-138*		*03/14/2024 13:48*	WG2246636
(S) 1,2-Dichloroethane-d4	*88.9*			*70.0-130*		*03/14/2024 13:48*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 14:08	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 14:08	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 14:08	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 14:08	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 14:08	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 14:08	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 14:08	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 14:08	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 14:08	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 14:08	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 14:08	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 14:08	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 14:08	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 14:08	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 14:08	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 14:08	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 14:08	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 14:08	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 14:08	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 14:08	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 14:08	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 14:08	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 14:08	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 14:08	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 14:08	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 14:08	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 14:08	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 14:08	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 14:08	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 14:08	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 14:08	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 14:08	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 14:08	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 14:08	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 14:08	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 14:08	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 14:08	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 14:08	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 14:08	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 14:08	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 14:08	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 14:08	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 14:08	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 14:08	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 14:08	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 14:08	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 14:08	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 14:08	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 14:08	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 14:08	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 14:08	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 14:08	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 14:08	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 14:08	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 14:08	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 14:08	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 14:08	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 14:08	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 14:08	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 14:08	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 14:08	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 14:08	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 14:08	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 14:08	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 14:08	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 14:08	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 14:08	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 14:08	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 14:08	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 14:08	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 14:08	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 14:08	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 14:08	WG2246636
(S) Toluene-d8	*106*			*75.0-131*		*03/14/2024 14:08*	WG2246636
(S) 4-Bromofluorobenzene	*92.7*			*67.0-138*		*03/14/2024 14:08*	WG2246636
(S) 1,2-Dichloroethane-d4	*86.3*			*70.0-130*		*03/14/2024 14:08*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 14:28	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 14:28	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 14:28	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 14:28	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 14:28	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 14:28	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 14:28	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 14:28	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 14:28	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 14:28	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 14:28	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 14:28	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 14:28	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 14:28	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 14:28	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 14:28	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 14:28	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 14:28	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 14:28	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 14:28	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 14:28	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 14:28	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 14:28	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 14:28	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 14:28	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 14:28	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 14:28	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 14:28	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 14:28	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 14:28	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 14:28	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 14:28	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 14:28	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 14:28	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 14:28	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 14:28	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 14:28	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 14:28	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 14:28	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 14:28	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 14:28	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 14:28	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 14:28	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 14:28	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 14:28	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 14:28	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 14:28	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 14:28	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 14:28	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 14:28	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 14:28	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 14:28	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 14:28	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 14:28	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 14:28	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 14:28	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 14:28	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 14:28	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 14:28	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 14:28	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 14:28	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 14:28	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 14:28	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 14:28	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 14:28	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 14:28	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 14:28	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 14:28	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 14:28	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 14:28	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 14:28	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 14:28	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 14:28	WG2246636
(S) Toluene-d8	*115*			*75.0-131*		*03/14/2024 14:28*	WG2246636
(S) 4-Bromofluorobenzene	*88.5*			*67.0-138*		*03/14/2024 14:28*	WG2246636
(S) 1,2-Dichloroethane-d4	*87.1*			*70.0-130*		*03/14/2024 14:28*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 14:48	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 14:48	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 14:48	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 14:48	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 14:48	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 14:48	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 14:48	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 14:48	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 14:48	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 14:48	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 14:48	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 14:48	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 14:48	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 14:48	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 14:48	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 14:48	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 14:48	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 14:48	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 14:48	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 14:48	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 14:48	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 14:48	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 14:48	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 14:48	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 14:48	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 14:48	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 14:48	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 14:48	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 14:48	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 14:48	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 14:48	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 14:48	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 14:48	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 14:48	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 14:48	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 14:48	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 14:48	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 14:48	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 14:48	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 14:48	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 14:48	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 14:48	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 14:48	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 14:48	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 14:48	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 14:48	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 14:48	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 14:48	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 14:48	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 14:48	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 14:48	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 14:48	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 14:48	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 14:48	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 14:48	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 14:48	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 14:48	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 14:48	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 14:48	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 14:48	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 14:48	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 14:48	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 14:48	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 14:48	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 14:48	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 14:48	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 14:48	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 14:48	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 14:48	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 14:48	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 14:48	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 14:48	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 14:48	WG2246636
(S) Toluene-d8	*110*			*75.0-131*		*03/14/2024 14:48*	WG2246636
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*		*03/14/2024 14:48*	WG2246636
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*03/14/2024 14:48*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 15:08	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 15:08	WG2246636
Benzene	U		0.0117	0.0250	1	03/14/2024 15:08	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 15:08	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 15:08	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 15:08	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 15:08	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 15:08	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 15:08	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 15:08	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 15:08	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 15:08	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 15:08	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 15:08	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 15:08	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 15:08	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 15:08	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 15:08	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 15:08	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 15:08	WG2246636
Cyclohexane	U	L2 R7	0.0278	0.0625	1	03/14/2024 15:08	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 15:08	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 15:08	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 15:08	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 15:08	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 15:08	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 15:08	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 15:08	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 15:08	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 15:08	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 15:08	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 15:08	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 15:08	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 15:08	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 15:08	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 15:08	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 15:08	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 15:08	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 15:08	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 15:08	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 15:08	WG2246636
Ethylbenzene	U		0.0184	0.0625	1	03/14/2024 15:08	WG2246636
4-Ethyltoluene	U		0.0580	0.125	1	03/14/2024 15:08	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 15:08	WG2246636
n-Hexane	U		0.0565	0.125	1	03/14/2024 15:08	WG2246636
Isopropylbenzene	U		0.0106	0.0625	1	03/14/2024 15:08	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 15:08	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 15:08	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 15:08	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 15:08	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 15:08	WG2246636
Methyl Cyclohexane	U		0.0515	0.125	1	03/14/2024 15:08	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 15:08	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 15:08	WG2246636
n-Propylbenzene	U		0.0238	0.125	1	03/14/2024 15:08	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 15:08	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 15:08	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 15:08	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 15:08	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 15:08	WG2246636
Toluene	U		0.0325	0.125	1	03/14/2024 15:08	WG2246636
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 15:08	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 15:08	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 15:08	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 15:08	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 15:08	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 15:08	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 15:08	WG2246636
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 15:08	WG2246636
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/14/2024 15:08	WG2246636
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/14/2024 15:08	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 15:08	WG2246636
Xylenes, Total	U		0.0220	0.163	1	03/14/2024 15:08	WG2246636
(S) Toluene-d8	*104*			*75.0-131*		*03/14/2024 15:08*	WG2246636
(S) 4-Bromofluorobenzene	*89.4*			*67.0-138*		*03/14/2024 15:08*	WG2246636
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*03/14/2024 15:08*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 20:22	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 20:22	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 20:22	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 20:22	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 20:22	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 20:22	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 20:22	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 20:22	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 20:22	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 20:22	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 20:22	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 20:22	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 20:22	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 20:22	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 20:22	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 20:22	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 20:22	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 20:22	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 20:22	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 20:22	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 20:22	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 20:22	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 20:22	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 20:22	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 20:22	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 20:22	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 20:22	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 20:22	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 20:22	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 20:22	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 20:22	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 20:22	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 20:22	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 20:22	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 20:22	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 20:22	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 20:22	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 20:22	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 20:22	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 20:22	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 20:22	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 20:22	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 20:22	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 20:22	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 20:22	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 20:22	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 20:22	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 20:22	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 20:22	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 20:22	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 20:22	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 20:22	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 20:22	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 20:22	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 20:22	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 20:22	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 20:22	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 20:22	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 20:22	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 20:22	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 20:22	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 20:22	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 20:22	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 20:22	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 20:22	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 20:22	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 20:22	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 20:22	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 20:22	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 20:22	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 20:22	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 20:22	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 20:22	WG2247575
(S) Toluene-d8	*105*			*75.0-131*		*03/15/2024 20:22*	WG2247575
(S) 4-Bromofluorobenzene	*90.0*			*67.0-138*		*03/15/2024 20:22*	WG2247575
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*03/15/2024 20:22*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 20:41	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 20:41	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 20:41	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 20:41	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 20:41	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 20:41	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 20:41	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 20:41	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 20:41	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 20:41	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 20:41	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 20:41	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 20:41	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 20:41	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 20:41	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 20:41	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 20:41	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 20:41	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 20:41	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 20:41	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 20:41	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 20:41	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 20:41	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 20:41	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 20:41	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 20:41	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 20:41	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 20:41	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 20:41	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 20:41	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 20:41	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 20:41	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 20:41	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 20:41	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 20:41	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 20:41	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 20:41	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 20:41	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 20:41	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 20:41	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 20:41	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 20:41	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 20:41	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 20:41	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 20:41	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 20:41	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 20:41	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 20:41	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 20:41	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 20:41	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 20:41	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 20:41	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 20:41	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 20:41	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 20:41	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 20:41	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 20:41	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 20:41	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 20:41	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 20:41	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 20:41	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 20:41	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 20:41	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 20:41	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 20:41	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 20:41	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 20:41	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 20:41	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 20:41	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 20:41	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 20:41	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 20:41	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 20:41	WG2247575
(S) Toluene-d8	*105*			*75.0-131*		*03/15/2024 20:41*	WG2247575
(S) 4-Bromofluorobenzene	*90.4*			*67.0-138*		*03/15/2024 20:41*	WG2247575
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*		*03/15/2024 20:41*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 21:01	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 21:01	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 21:01	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 21:01	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 21:01	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 21:01	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 21:01	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 21:01	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 21:01	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 21:01	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 21:01	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 21:01	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 21:01	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 21:01	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 21:01	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 21:01	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 21:01	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 21:01	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 21:01	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 21:01	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 21:01	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 21:01	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 21:01	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 21:01	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 21:01	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 21:01	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 21:01	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 21:01	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 21:01	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 21:01	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 21:01	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 21:01	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 21:01	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 21:01	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 21:01	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 21:01	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 21:01	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 21:01	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 21:01	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 21:01	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 21:01	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 21:01	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 21:01	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 21:01	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 21:01	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 21:01	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 21:01	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 21:01	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 21:01	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 21:01	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 21:01	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 21:01	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 21:01	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 21:01	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 21:01	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 21:01	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 21:01	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 21:01	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 21:01	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 21:01	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 21:01	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 21:01	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 21:01	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 21:01	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 21:01	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 21:01	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 21:01	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 21:01	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:01	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:01	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 21:01	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 21:01	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 21:01	WG2247575
(S) Toluene-d8	*99.9*			*75.0-131*		*03/15/2024 21:01*	WG2247575
(S) 4-Bromofluorobenzene	*89.0*			*67.0-138*		*03/15/2024 21:01*	WG2247575
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*03/15/2024 21:01*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 21:20	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 21:20	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 21:20	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 21:20	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 21:20	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 21:20	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 21:20	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 21:20	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 21:20	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 21:20	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 21:20	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 21:20	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 21:20	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 21:20	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 21:20	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 21:20	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 21:20	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 21:20	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 21:20	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 21:20	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 21:20	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 21:20	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 21:20	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 21:20	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 21:20	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 21:20	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 21:20	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 21:20	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 21:20	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 21:20	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 21:20	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 21:20	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 21:20	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 21:20	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 21:20	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 21:20	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 21:20	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 21:20	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 21:20	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 21:20	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 21:20	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 21:20	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 21:20	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 21:20	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 21:20	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 21:20	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 21:20	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 21:20	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 21:20	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 21:20	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 21:20	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 21:20	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 21:20	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 21:20	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 21:20	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 21:20	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 21:20	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 21:20	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 21:20	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 21:20	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 21:20	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 21:20	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 21:20	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 21:20	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 21:20	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 21:20	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 21:20	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 21:20	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:20	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:20	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 21:20	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 21:20	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 21:20	WG2247575
(S) Toluene-d8	*105*			*75.0-131*		*03/15/2024 21:20*	WG2247575
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*		*03/15/2024 21:20*	WG2247575
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*03/15/2024 21:20*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 21:39	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 21:39	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 21:39	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 21:39	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 21:39	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 21:39	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 21:39	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 21:39	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 21:39	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 21:39	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 21:39	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 21:39	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 21:39	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 21:39	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 21:39	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 21:39	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 21:39	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 21:39	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 21:39	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 21:39	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 21:39	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 21:39	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 21:39	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 21:39	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 21:39	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 21:39	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 21:39	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 21:39	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 21:39	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 21:39	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 21:39	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 21:39	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 21:39	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 21:39	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 21:39	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 21:39	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 21:39	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 21:39	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 21:39	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 21:39	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 21:39	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 21:39	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 21:39	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 21:39	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 21:39	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 21:39	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 21:39	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 21:39	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 21:39	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 21:39	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 21:39	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 21:39	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 21:39	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 21:39	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 21:39	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 21:39	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 21:39	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 21:39	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 21:39	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 21:39	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 21:39	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 21:39	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 21:39	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 21:39	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 21:39	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 21:39	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 21:39	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 21:39	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:39	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:39	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 21:39	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 21:39	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 21:39	WG2247575
(S) Toluene-d8	*102*			*75.0-131*		*03/15/2024 21:39*	WG2247575
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*03/15/2024 21:39*	WG2247575
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*		*03/15/2024 21:39*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 21:59	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 21:59	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 21:59	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 21:59	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 21:59	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 21:59	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 21:59	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 21:59	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 21:59	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 21:59	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 21:59	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 21:59	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 21:59	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 21:59	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 21:59	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 21:59	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 21:59	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 21:59	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 21:59	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 21:59	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 21:59	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 21:59	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 21:59	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 21:59	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 21:59	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 21:59	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 21:59	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 21:59	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 21:59	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 21:59	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 21:59	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 21:59	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 21:59	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 21:59	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 21:59	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 21:59	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 21:59	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 21:59	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 21:59	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 21:59	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 21:59	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 21:59	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 21:59	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 21:59	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 21:59	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 21:59	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 21:59	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 21:59	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 21:59	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 21:59	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 21:59	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 21:59	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 21:59	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 21:59	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 21:59	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 21:59	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 21:59	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 21:59	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 21:59	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 21:59	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 21:59	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 21:59	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 21:59	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 21:59	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 21:59	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 21:59	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 21:59	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 21:59	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:59	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 21:59	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 21:59	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 21:59	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 21:59	WG2247575
(S) Toluene-d8	*102*			*75.0-131*		*03/15/2024 21:59*	WG2247575
(S) 4-Bromofluorobenzene	*91.3*			*67.0-138*		*03/15/2024 21:59*	WG2247575
(S) 1,2-Dichloroethane-d4	*93.2*			*70.0-130*		*03/15/2024 21:59*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 22:18	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 22:18	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 22:18	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 22:18	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 22:18	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 22:18	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 22:18	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 22:18	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 22:18	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 22:18	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 22:18	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 22:18	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 22:18	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 22:18	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 22:18	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 22:18	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 22:18	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 22:18	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 22:18	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 22:18	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 22:18	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 22:18	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 22:18	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 22:18	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 22:18	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 22:18	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 22:18	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 22:18	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 22:18	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 22:18	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 22:18	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 22:18	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 22:18	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 22:18	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 22:18	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 22:18	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 22:18	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 22:18	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 22:18	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 22:18	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 22:18	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 22:18	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 22:18	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 22:18	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 22:18	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 22:18	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 22:18	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 22:18	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 22:18	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 22:18	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 22:18	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 22:18	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 22:18	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 22:18	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 22:18	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 22:18	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 22:18	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 22:18	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 22:18	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 22:18	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 22:18	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 22:18	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 22:18	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 22:18	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 22:18	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 22:18	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 22:18	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 22:18	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 22:18	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 22:18	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 22:18	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 22:18	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 22:18	WG2247575
(S) Toluene-d8	*103*			*75.0-131*		*03/15/2024 22:18*	WG2247575
(S) 4-Bromofluorobenzene	*90.6*			*67.0-138*		*03/15/2024 22:18*	WG2247575
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*03/15/2024 22:18*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 22:38	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 22:38	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 22:38	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 22:38	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 22:38	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 22:38	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 22:38	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 22:38	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 22:38	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 22:38	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 22:38	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 22:38	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 22:38	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 22:38	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 22:38	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 22:38	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 22:38	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 22:38	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 22:38	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 22:38	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 22:38	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 22:38	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 22:38	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 22:38	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 22:38	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 22:38	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 22:38	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 22:38	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 22:38	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 22:38	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 22:38	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 22:38	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 22:38	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 22:38	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 22:38	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 22:38	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 22:38	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 22:38	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 22:38	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 22:38	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 22:38	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 22:38	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 22:38	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 22:38	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 22:38	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 22:38	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 22:38	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 22:38	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 22:38	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 22:38	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 22:38	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 22:38	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 22:38	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 22:38	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 22:38	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 22:38	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 22:38	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 22:38	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 22:38	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 22:38	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 22:38	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 22:38	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 22:38	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 22:38	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 22:38	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 22:38	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 22:38	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 22:38	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 22:38	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 22:38	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 22:38	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 22:38	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 22:38	WG2247575
(S) Toluene-d8	*106*			*75.0-131*		*03/15/2024 22:38*	WG2247575
(S) 4-Bromofluorobenzene	*90.7*			*67.0-138*		*03/15/2024 22:38*	WG2247575
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*03/15/2024 22:38*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 22:57	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 22:57	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 22:57	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 22:57	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 22:57	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 22:57	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 22:57	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 22:57	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 22:57	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 22:57	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 22:57	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 22:57	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 22:57	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 22:57	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 22:57	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 22:57	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 22:57	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 22:57	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 22:57	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 22:57	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 22:57	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 22:57	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 22:57	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 22:57	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 22:57	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 22:57	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 22:57	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 22:57	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 22:57	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 22:57	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 22:57	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 22:57	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 22:57	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 22:57	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 22:57	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 22:57	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 22:57	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 22:57	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 22:57	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 22:57	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 22:57	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 22:57	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 22:57	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 22:57	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 22:57	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 22:57	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 22:57	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 22:57	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 22:57	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 22:57	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 22:57	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 22:57	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 22:57	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 22:57	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 22:57	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 22:57	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 22:57	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 22:57	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 22:57	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 22:57	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 22:57	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 22:57	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 22:57	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 22:57	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 22:57	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 22:57	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 22:57	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 22:57	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 22:57	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 22:57	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 22:57	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 22:57	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 22:57	WG2247575
(S) Toluene-d8	*104*			*75.0-131*		*03/15/2024 22:57*	WG2247575
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*03/15/2024 22:57*	WG2247575
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*		*03/15/2024 22:57*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 23:17	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 23:17	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 23:17	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 23:17	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 23:17	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 23:17	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 23:17	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 23:17	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 23:17	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 23:17	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 23:17	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 23:17	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 23:17	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 23:17	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 23:17	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 23:17	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 23:17	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 23:17	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 23:17	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 23:17	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 23:17	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 23:17	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 23:17	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 23:17	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 23:17	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 23:17	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 23:17	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 23:17	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 23:17	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 23:17	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 23:17	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 23:17	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 23:17	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 23:17	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 23:17	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 23:17	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 23:17	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 23:17	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 23:17	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 23:17	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 23:17	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 23:17	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 23:17	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 23:17	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 23:17	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 23:17	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 23:17	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 23:17	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 23:17	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 23:17	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 23:17	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 23:17	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 23:17	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 23:17	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 23:17	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 23:17	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 23:17	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 23:17	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 23:17	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 23:17	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 23:17	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 23:17	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 23:17	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 23:17	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 23:17	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 23:17	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 23:17	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 23:17	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 23:17	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 23:17	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 23:17	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 23:17	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 23:17	WG2247575
(S) Toluene-d8	*105*			*75.0-131*		*03/15/2024 23:17*	WG2247575
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*03/15/2024 23:17*	WG2247575
(S) 1,2-Dichloroethane-d4	*90.5*			*70.0-130*		*03/15/2024 23:17*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 23:36	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 23:36	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 23:36	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 23:36	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 23:36	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 23:36	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 23:36	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 23:36	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 23:36	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 23:36	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 23:36	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 23:36	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 23:36	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 23:36	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 23:36	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 23:36	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 23:36	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 23:36	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 23:36	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 23:36	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 23:36	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 23:36	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 23:36	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 23:36	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 23:36	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 23:36	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 23:36	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 23:36	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 23:36	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 23:36	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 23:36	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 23:36	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 23:36	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 23:36	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 23:36	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 23:36	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 23:36	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 23:36	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 23:36	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 23:36	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 23:36	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 23:36	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 23:36	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 23:36	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 23:36	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 23:36	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 23:36	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 23:36	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 23:36	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 23:36	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 23:36	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 23:36	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 23:36	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 23:36	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 23:36	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 23:36	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 23:36	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 23:36	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 23:36	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 23:36	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 23:36	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 23:36	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 23:36	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 23:36	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 23:36	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 23:36	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 23:36	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 23:36	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 23:36	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 23:36	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 23:36	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 23:36	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 23:36	WG2247575
(S) Toluene-d8	*104*			*75.0-131*		*03/15/2024 23:36*	WG2247575
(S) 4-Bromofluorobenzene	*93.1*			*67.0-138*		*03/15/2024 23:36*	WG2247575
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*03/15/2024 23:36*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/15/2024 23:56	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/15/2024 23:56	WG2247575
Benzene	U		0.0117	0.0250	1	03/15/2024 23:56	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/15/2024 23:56	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/15/2024 23:56	WG2247575
Bromoform	U		0.0293	0.625	1	03/15/2024 23:56	WG2247575
Bromomethane	U		0.0493	0.313	1	03/15/2024 23:56	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/15/2024 23:56	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/15/2024 23:56	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/15/2024 23:56	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/15/2024 23:56	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/15/2024 23:56	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/15/2024 23:56	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/15/2024 23:56	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/15/2024 23:56	WG2247575
Chloroethane	U		0.0425	0.125	1	03/15/2024 23:56	WG2247575
Chloroform	U		0.0258	0.0625	1	03/15/2024 23:56	WG2247575
Chloromethane	U		0.109	0.313	1	03/15/2024 23:56	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/15/2024 23:56	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/15/2024 23:56	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/15/2024 23:56	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/15/2024 23:56	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/15/2024 23:56	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/15/2024 23:56	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/15/2024 23:56	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/15/2024 23:56	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/15/2024 23:56	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/15/2024 23:56	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/15/2024 23:56	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/15/2024 23:56	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/15/2024 23:56	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/15/2024 23:56	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/15/2024 23:56	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/15/2024 23:56	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/15/2024 23:56	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/15/2024 23:56	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/15/2024 23:56	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/15/2024 23:56	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/15/2024 23:56	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/15/2024 23:56	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/15/2024 23:56	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/15/2024 23:56	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/15/2024 23:56	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/15/2024 23:56	WG2247575
n-Hexane	U		0.0565	0.125	1	03/15/2024 23:56	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/15/2024 23:56	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/15/2024 23:56	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/15/2024 23:56	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/15/2024 23:56	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/15/2024 23:56	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/15/2024 23:56	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/15/2024 23:56	WG2247575
Naphthalene	U		0.122	0.313	1	03/15/2024 23:56	WG2247575
Propene	U		0.153	1.25	1	03/15/2024 23:56	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/15/2024 23:56	WG2247575
Styrene	U		0.00573	0.313	1	03/15/2024 23:56	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/15/2024 23:56	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/15/2024 23:56	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/15/2024 23:56	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/15/2024 23:56	WG2247575
Toluene	U		0.0325	0.125	1	03/15/2024 23:56	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/15/2024 23:56	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/15/2024 23:56	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/15/2024 23:56	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/15/2024 23:56	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/15/2024 23:56	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/15/2024 23:56	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/15/2024 23:56	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 23:56	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/15/2024 23:56	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/15/2024 23:56	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/15/2024 23:56	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/15/2024 23:56	WG2247575
(S) Toluene-d8	*105*			*75.0-131*		*03/15/2024 23:56*	WG2247575
(S) 4-Bromofluorobenzene	*94.8*			*67.0-138*		*03/15/2024 23:56*	WG2247575
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*03/15/2024 23:56*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/16/2024 00:16	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 00:16	WG2247575
Benzene	U		0.0117	0.0250	1	03/16/2024 00:16	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/16/2024 00:16	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 00:16	WG2247575
Bromoform	U		0.0293	0.625	1	03/16/2024 00:16	WG2247575
Bromomethane	U		0.0493	0.313	1	03/16/2024 00:16	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 00:16	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 00:16	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 00:16	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 00:16	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 00:16	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 00:16	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 00:16	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 00:16	WG2247575
Chloroethane	U		0.0425	0.125	1	03/16/2024 00:16	WG2247575
Chloroform	U		0.0258	0.0625	1	03/16/2024 00:16	WG2247575
Chloromethane	U		0.109	0.313	1	03/16/2024 00:16	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 00:16	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 00:16	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 00:16	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 00:16	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 00:16	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/16/2024 00:16	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 00:16	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 00:16	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 00:16	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 00:16	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 00:16	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 00:16	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 00:16	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 00:16	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 00:16	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 00:16	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 00:16	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 00:16	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 00:16	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 00:16	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 00:16	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 00:16	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 00:16	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 00:16	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 00:16	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 00:16	WG2247575
n-Hexane	U		0.0565	0.125	1	03/16/2024 00:16	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 00:16	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 00:16	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/16/2024 00:16	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/16/2024 00:16	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 00:16	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 00:16	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 00:16	WG2247575
Naphthalene	U		0.122	0.313	1	03/16/2024 00:16	WG2247575
Propene	U		0.153	1.25	1	03/16/2024 00:16	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 00:16	WG2247575
Styrene	U		0.00573	0.313	1	03/16/2024 00:16	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 00:16	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 00:16	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 00:16	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 00:16	WG2247575
Toluene	U		0.0325	0.125	1	03/16/2024 00:16	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 00:16	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 00:16	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 00:16	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 00:16	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 00:16	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 00:16	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 00:16	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 00:16	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 00:16	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 00:16	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 00:16	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 00:16	WG2247575
(S) Toluene-d8	*103*			*75.0-131*		*03/16/2024 00:16*	WG2247575
(S) 4-Bromofluorobenzene	*95.2*			*67.0-138*		*03/16/2024 00:16*	WG2247575
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*03/16/2024 00:16*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/16/2024 00:35	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 00:35	WG2247575
Benzene	U		0.0117	0.0250	1	03/16/2024 00:35	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/16/2024 00:35	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 00:35	WG2247575
Bromoform	U		0.0293	0.625	1	03/16/2024 00:35	WG2247575
Bromomethane	U		0.0493	0.313	1	03/16/2024 00:35	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 00:35	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 00:35	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 00:35	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 00:35	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 00:35	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 00:35	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 00:35	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 00:35	WG2247575
Chloroethane	U		0.0425	0.125	1	03/16/2024 00:35	WG2247575
Chloroform	U		0.0258	0.0625	1	03/16/2024 00:35	WG2247575
Chloromethane	U		0.109	0.313	1	03/16/2024 00:35	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 00:35	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 00:35	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 00:35	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 00:35	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 00:35	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/16/2024 00:35	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 00:35	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 00:35	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 00:35	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 00:35	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 00:35	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 00:35	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 00:35	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 00:35	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 00:35	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 00:35	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 00:35	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 00:35	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 00:35	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 00:35	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 00:35	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 00:35	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 00:35	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 00:35	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 00:35	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 00:35	WG2247575
n-Hexane	U		0.0565	0.125	1	03/16/2024 00:35	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 00:35	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 00:35	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/16/2024 00:35	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/16/2024 00:35	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 00:35	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 00:35	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 00:35	WG2247575
Naphthalene	U		0.122	0.313	1	03/16/2024 00:35	WG2247575
Propene	U		0.153	1.25	1	03/16/2024 00:35	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 00:35	WG2247575
Styrene	U		0.00573	0.313	1	03/16/2024 00:35	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 00:35	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 00:35	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 00:35	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 00:35	WG2247575
Toluene	U		0.0325	0.125	1	03/16/2024 00:35	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 00:35	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 00:35	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 00:35	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 00:35	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 00:35	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 00:35	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 00:35	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 00:35	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 00:35	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 00:35	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 00:35	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 00:35	WG2247575
(S) Toluene-d8	*102*			*75.0-131*		*03/16/2024 00:35*	WG2247575
(S) 4-Bromofluorobenzene	*93.3*			*67.0-138*		*03/16/2024 00:35*	WG2247575
(S) 1,2-Dichloroethane-d4	*93.8*			*70.0-130*		*03/16/2024 00:35*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/16/2024 00:55	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 00:55	WG2247575
Benzene	U		0.0117	0.0250	1	03/16/2024 00:55	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/16/2024 00:55	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 00:55	WG2247575
Bromoform	U		0.0293	0.625	1	03/16/2024 00:55	WG2247575
Bromomethane	U		0.0493	0.313	1	03/16/2024 00:55	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 00:55	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 00:55	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 00:55	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 00:55	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 00:55	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 00:55	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 00:55	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 00:55	WG2247575
Chloroethane	U		0.0425	0.125	1	03/16/2024 00:55	WG2247575
Chloroform	U		0.0258	0.0625	1	03/16/2024 00:55	WG2247575
Chloromethane	U		0.109	0.313	1	03/16/2024 00:55	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 00:55	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 00:55	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 00:55	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 00:55	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 00:55	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/16/2024 00:55	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 00:55	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 00:55	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 00:55	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 00:55	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 00:55	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 00:55	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 00:55	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 00:55	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 00:55	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 00:55	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 00:55	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 00:55	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 00:55	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 00:55	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 00:55	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 00:55	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 00:55	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 00:55	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 00:55	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 00:55	WG2247575
n-Hexane	U		0.0565	0.125	1	03/16/2024 00:55	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 00:55	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 00:55	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/16/2024 00:55	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/16/2024 00:55	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 00:55	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 00:55	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 00:55	WG2247575
Naphthalene	U		0.122	0.313	1	03/16/2024 00:55	WG2247575
Propene	U		0.153	1.25	1	03/16/2024 00:55	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 00:55	WG2247575
Styrene	U		0.00573	0.313	1	03/16/2024 00:55	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 00:55	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 00:55	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 00:55	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 00:55	WG2247575
Toluene	U		0.0325	0.125	1	03/16/2024 00:55	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 00:55	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 00:55	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 00:55	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 00:55	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 00:55	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 00:55	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 00:55	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 00:55	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 00:55	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 00:55	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 00:55	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 00:55	WG2247575
(S) Toluene-d8	*105*			*75.0-131*		*03/16/2024 00:55*	WG2247575
(S) 4-Bromofluorobenzene	*92.4*			*67.0-138*		*03/16/2024 00:55*	WG2247575
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*03/16/2024 00:55*	WG2247575

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/16/2024 01:15	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 01:15	WG2247575
Benzene	U		0.0117	0.0250	1	03/16/2024 01:15	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/16/2024 01:15	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 01:15	WG2247575
Bromoform	U		0.0293	0.625	1	03/16/2024 01:15	WG2247575
Bromomethane	U		0.0493	0.313	1	03/16/2024 01:15	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 01:15	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 01:15	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 01:15	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 01:15	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 01:15	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 01:15	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 01:15	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 01:15	WG2247575
Chloroethane	U		0.0425	0.125	1	03/16/2024 01:15	WG2247575
Chloroform	U		0.0258	0.0625	1	03/16/2024 01:15	WG2247575
Chloromethane	U		0.109	0.313	1	03/16/2024 01:15	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 01:15	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 01:15	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 01:15	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 01:15	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 01:15	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/16/2024 01:15	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 01:15	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 01:15	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 01:15	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 01:15	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 01:15	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 01:15	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 01:15	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 01:15	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 01:15	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 01:15	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 01:15	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 01:15	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 01:15	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 01:15	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 01:15	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 01:15	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 01:15	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 01:15	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 01:15	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 01:15	WG2247575
n-Hexane	U		0.0565	0.125	1	03/16/2024 01:15	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 01:15	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 01:15	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/16/2024 01:15	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/16/2024 01:15	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 01:15	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 01:15	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 01:15	WG2247575
Naphthalene	U		0.122	0.313	1	03/16/2024 01:15	WG2247575
Propene	U		0.153	1.25	1	03/16/2024 01:15	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 01:15	WG2247575
Styrene	U		0.00573	0.313	1	03/16/2024 01:15	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 01:15	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 01:15	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 01:15	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 01:15	WG2247575
Toluene	U		0.0325	0.125	1	03/16/2024 01:15	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 01:15	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 01:15	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 01:15	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 01:15	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 01:15	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 01:15	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 01:15	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 01:15	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 01:15	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 01:15	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 01:15	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 01:15	WG2247575
(S) Toluene-d8	*102*			*75.0-131*		*03/16/2024 01:15*	WG2247575
(S) 4-Bromofluorobenzene	*91.6*			*67.0-138*		*03/16/2024 01:15*	WG2247575
(S) 1,2-Dichloroethane-d4	*93.7*			*70.0-130*		*03/16/2024 01:15*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.00	1.38	1.1	03/16/2024 01:34	WG2247575
Acrylonitrile	U		0.0993	0.344	1.1	03/16/2024 01:34	WG2247575
Benzene	U		0.0128	0.0275	1.1	03/16/2024 01:34	WG2247575
Bromobenzene	U		0.0248	0.344	1.1	03/16/2024 01:34	WG2247575
Bromodichloromethane	U		0.0199	0.0688	1.1	03/16/2024 01:34	WG2247575
Bromoform	U		0.0322	0.688	1.1	03/16/2024 01:34	WG2247575
Bromomethane	U		0.0542	0.344	1.1	03/16/2024 01:34	WG2247575
1,3-Butadiene	U		0.141	0.688	1.1	03/16/2024 01:34	WG2247575
n-Butylbenzene	U		0.144	0.344	1.1	03/16/2024 01:34	WG2247575
sec-Butylbenzene	U		0.0792	0.344	1.1	03/16/2024 01:34	WG2247575
tert-Butylbenzene	U		0.0536	0.138	1.1	03/16/2024 01:34	WG2247575
Carbon disulfide	U		0.0193	0.344	1.1	03/16/2024 01:34	WG2247575
Carbon tetrachloride	U		0.0247	0.138	1.1	03/16/2024 01:34	WG2247575
Chlorobenzene	U		0.00578	0.0688	1.1	03/16/2024 01:34	WG2247575
Chlorodibromomethane	U		0.0168	0.0688	1.1	03/16/2024 01:34	WG2247575
Chloroethane	U		0.0468	0.138	1.1	03/16/2024 01:34	WG2247575
Chloroform	U		0.0283	0.0688	1.1	03/16/2024 01:34	WG2247575
Chloromethane	U		0.120	0.344	1.1	03/16/2024 01:34	WG2247575
2-Chlorotoluene	U		0.0238	0.0688	1.1	03/16/2024 01:34	WG2247575
4-Chlorotoluene	U		0.0124	0.138	1.1	03/16/2024 01:34	WG2247575
Cyclohexane	U		0.0305	0.0688	1.1	03/16/2024 01:34	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.107	0.688	1.1	03/16/2024 01:34	WG2247575
1,2-Dibromoethane	U		0.0178	0.0688	1.1	03/16/2024 01:34	WG2247575
Dibromomethane	U		0.0206	0.138	1.1	03/16/2024 01:34	WG2247575
1,2-Dichlorobenzene	U		0.0117	0.138	1.1	03/16/2024 01:34	WG2247575
1,3-Dichlorobenzene	U		0.0165	0.138	1.1	03/16/2024 01:34	WG2247575
1,4-Dichlorobenzene	U		0.0193	0.138	1.1	03/16/2024 01:34	WG2247575
Dichlorodifluoromethane	U		0.0443	0.0688	1.1	03/16/2024 01:34	WG2247575
1,1-Dichloroethane	U		0.0135	0.0688	1.1	03/16/2024 01:34	WG2247575
1,2-Dichloroethane	U		0.0178	0.0688	1.1	03/16/2024 01:34	WG2247575
1,1-Dichloroethene	U		0.0167	0.0688	1.1	03/16/2024 01:34	WG2247575
cis-1,2-Dichloroethene	U		0.0202	0.0688	1.1	03/16/2024 01:34	WG2247575
trans-1,2-Dichloroethene	U		0.0286	0.138	1.1	03/16/2024 01:34	WG2247575
1,2-Dichloropropane	U		0.0391	0.138	1.1	03/16/2024 01:34	WG2247575
1,1-Dichloropropene	U		0.0222	0.0688	1.1	03/16/2024 01:34	WG2247575
1,3-Dichloropropane	U		0.0138	0.138	1.1	03/16/2024 01:34	WG2247575
cis-1,3-Dichloropropene	U		0.0208	0.0688	1.1	03/16/2024 01:34	WG2247575
trans-1,3-Dichloropropene	U		0.0314	0.138	1.1	03/16/2024 01:34	WG2247575
2,2-Dichloropropane	U		0.0380	0.0688	1.1	03/16/2024 01:34	WG2247575
Dicyclopentadiene	U		0.0454	0.344	1.1	03/16/2024 01:34	WG2247575
Di-isopropyl ether	U		0.0113	0.0275	1.1	03/16/2024 01:34	WG2247575
Ethylbenzene	U		0.0203	0.0688	1.1	03/16/2024 01:34	WG2247575
4-Ethyltoluene	U		0.0638	0.138	1.1	03/16/2024 01:34	WG2247575
Hexachloro-1,3-butadiene	U		0.165	0.688	1.1	03/16/2024 01:34	WG2247575
n-Hexane	U		0.0622	0.138	1.1	03/16/2024 01:34	WG2247575
Isopropylbenzene	U		0.0117	0.0688	1.1	03/16/2024 01:34	WG2247575
p-Isopropyltoluene	U		0.0701	0.138	1.1	03/16/2024 01:34	WG2247575
2-Butanone (MEK)	U		1.75	2.75	1.1	03/16/2024 01:34	WG2247575
Methylene Chloride	U		0.183	0.688	1.1	03/16/2024 01:34	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0627	0.688	1.1	03/16/2024 01:34	WG2247575
Methyl tert-butyl ether	U		0.00963	0.0275	1.1	03/16/2024 01:34	WG2247575
Methyl Cyclohexane	U		0.0567	0.138	1.1	03/16/2024 01:34	WG2247575
Naphthalene	U		0.134	0.344	1.1	03/16/2024 01:34	WG2247575
Propene	U		0.168	1.38	1.1	03/16/2024 01:34	WG2247575
n-Propylbenzene	U		0.0261	0.138	1.1	03/16/2024 01:34	WG2247575
Styrene	U		0.00630	0.344	1.1	03/16/2024 01:34	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0261	0.0688	1.1	03/16/2024 01:34	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0191	0.0688	1.1	03/16/2024 01:34	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0207	0.0688	1.1	03/16/2024 01:34	WG2247575
Tetrachloroethene	U		0.0246	0.0688	1.1	03/16/2024 01:34	WG2247575
Toluene	U		0.0358	0.138	1.1	03/16/2024 01:34	WG2247575
1,2,3-Trichlorobenzene	U		0.202	0.344	1.1	03/16/2024 01:34	WG2247575
1,2,4-Trichlorobenzene	U		0.121	0.344	1.1	03/16/2024 01:34	WG2247575
1,1,1-Trichloroethane	U		0.0254	0.0688	1.1	03/16/2024 01:34	WG2247575
1,1,2-Trichloroethane	U		0.0164	0.0688	1.1	03/16/2024 01:34	WG2247575
Trichloroethene	U		0.0161	0.0275	1.1	03/16/2024 01:34	WG2247575
Trichlorofluoromethane	U		0.0227	0.0688	1.1	03/16/2024 01:34	WG2247575
1,2,3-Trichloropropane	U		0.0446	0.344	1.1	03/16/2024 01:34	WG2247575
1,2,4-Trimethylbenzene	U		0.0435	0.138	1.1	03/16/2024 01:34	WG2247575
1,2,3-Trimethylbenzene	U		0.0435	0.138	1.1	03/16/2024 01:34	WG2247575
1,3,5-Trimethylbenzene	U		0.0550	0.138	1.1	03/16/2024 01:34	WG2247575
Vinyl chloride	U		0.0319	0.0688	1.1	03/16/2024 01:34	WG2247575
Xylenes, Total	U		0.0242	0.179	1.1	03/16/2024 01:34	WG2247575
(S) Toluene-d8	*103*			*75.0-131*		*03/16/2024 01:34*	WG2247575
(S) 4-Bromofluorobenzene	*89.1*			*67.0-138*		*03/16/2024 01:34*	WG2247575
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*03/16/2024 01:34*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.922	1.26	1.01	03/16/2024 01:54	WG2247575
Acrylonitrile	U		0.0912	0.316	1.01	03/16/2024 01:54	WG2247575
Benzene	U		0.0118	0.0253	1.01	03/16/2024 01:54	WG2247575
Bromobenzene	U		0.0227	0.316	1.01	03/16/2024 01:54	WG2247575
Bromodichloromethane	U		0.0183	0.0631	1.01	03/16/2024 01:54	WG2247575
Bromoform	U		0.0295	0.631	1.01	03/16/2024 01:54	WG2247575
Bromomethane	U		0.0497	0.316	1.01	03/16/2024 01:54	WG2247575
1,3-Butadiene	U		0.130	0.631	1.01	03/16/2024 01:54	WG2247575
n-Butylbenzene	U		0.133	0.316	1.01	03/16/2024 01:54	WG2247575
sec-Butylbenzene	U		0.0727	0.316	1.01	03/16/2024 01:54	WG2247575
tert-Butylbenzene	U		0.0492	0.126	1.01	03/16/2024 01:54	WG2247575
Carbon disulfide	U		0.0177	0.316	1.01	03/16/2024 01:54	WG2247575
Carbon tetrachloride	U		0.0227	0.126	1.01	03/16/2024 01:54	WG2247575
Chlorobenzene	U		0.00530	0.0631	1.01	03/16/2024 01:54	WG2247575
Chlorodibromomethane	U		0.0155	0.0631	1.01	03/16/2024 01:54	WG2247575
Chloroethane	U		0.0429	0.126	1.01	03/16/2024 01:54	WG2247575
Chloroform	U		0.0260	0.0631	1.01	03/16/2024 01:54	WG2247575
Chloromethane	U		0.110	0.316	1.01	03/16/2024 01:54	WG2247575
2-Chlorotoluene	U		0.0218	0.0631	1.01	03/16/2024 01:54	WG2247575
4-Chlorotoluene	U		0.0114	0.126	1.01	03/16/2024 01:54	WG2247575
Cyclohexane	U		0.0280	0.0631	1.01	03/16/2024 01:54	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0985	0.631	1.01	03/16/2024 01:54	WG2247575
1,2-Dibromoethane	U		0.0164	0.0631	1.01	03/16/2024 01:54	WG2247575
Dibromomethane	U		0.0189	0.126	1.01	03/16/2024 01:54	WG2247575
1,2-Dichlorobenzene	U		0.0107	0.126	1.01	03/16/2024 01:54	WG2247575
1,3-Dichlorobenzene	U		0.0152	0.126	1.01	03/16/2024 01:54	WG2247575
1,4-Dichlorobenzene	U		0.0177	0.126	1.01	03/16/2024 01:54	WG2247575
Dichlorodifluoromethane	U		0.0407	0.0631	1.01	03/16/2024 01:54	WG2247575
1,1-Dichloroethane	U		0.0124	0.0631	1.01	03/16/2024 01:54	WG2247575
1,2-Dichloroethane	U		0.0164	0.0631	1.01	03/16/2024 01:54	WG2247575
1,1-Dichloroethene	U		0.0153	0.0631	1.01	03/16/2024 01:54	WG2247575
cis-1,2-Dichloroethene	U		0.0185	0.0631	1.01	03/16/2024 01:54	WG2247575
trans-1,2-Dichloroethene	U		0.0263	0.126	1.01	03/16/2024 01:54	WG2247575
1,2-Dichloropropane	U		0.0359	0.126	1.01	03/16/2024 01:54	WG2247575
1,1-Dichloropropene	U		0.0204	0.0631	1.01	03/16/2024 01:54	WG2247575
1,3-Dichloropropane	U		0.0127	0.126	1.01	03/16/2024 01:54	WG2247575
cis-1,3-Dichloropropene	U		0.0191	0.0631	1.01	03/16/2024 01:54	WG2247575
trans-1,3-Dichloropropene	U		0.0288	0.126	1.01	03/16/2024 01:54	WG2247575
2,2-Dichloropropane	U		0.0348	0.0631	1.01	03/16/2024 01:54	WG2247575
Dicyclopentadiene	U		0.0417	0.316	1.01	03/16/2024 01:54	WG2247575
Di-isopropyl ether	U		0.0104	0.0253	1.01	03/16/2024 01:54	WG2247575
Ethylbenzene	U		0.0186	0.0631	1.01	03/16/2024 01:54	WG2247575
4-Ethyltoluene	U		0.0586	0.126	1.01	03/16/2024 01:54	WG2247575
Hexachloro-1,3-butadiene	U		0.152	0.631	1.01	03/16/2024 01:54	WG2247575
n-Hexane	U		0.0571	0.126	1.01	03/16/2024 01:54	WG2247575
Isopropylbenzene	U		0.0107	0.0631	1.01	03/16/2024 01:54	WG2247575
p-Isopropyltoluene	U		0.0644	0.126	1.01	03/16/2024 01:54	WG2247575
2-Butanone (MEK)	U		1.60	2.53	1.01	03/16/2024 01:54	WG2247575
Methylene Chloride	U		0.168	0.631	1.01	03/16/2024 01:54	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0576	0.631	1.01	03/16/2024 01:54	WG2247575
Methyl tert-butyl ether	U		0.00884	0.0253	1.01	03/16/2024 01:54	WG2247575
Methyl Cyclohexane	U		0.0520	0.126	1.01	03/16/2024 01:54	WG2247575
Naphthalene	U		0.123	0.316	1.01	03/16/2024 01:54	WG2247575
Propene	U		0.155	1.26	1.01	03/16/2024 01:54	WG2247575
n-Propylbenzene	U		0.0240	0.126	1.01	03/16/2024 01:54	WG2247575
Styrene	U		0.00578	0.316	1.01	03/16/2024 01:54	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0239	0.0631	1.01	03/16/2024 01:54	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0175	0.0631	1.01	03/16/2024 01:54	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0190	0.0631	1.01	03/16/2024 01:54	WG2247575
Tetrachloroethene	U		0.0226	0.0631	1.01	03/16/2024 01:54	WG2247575
Toluene	U		0.0328	0.126	1.01	03/16/2024 01:54	WG2247575
1,2,3-Trichlorobenzene	U		0.185	0.316	1.01	03/16/2024 01:54	WG2247575
1,2,4-Trichlorobenzene	U		0.111	0.316	1.01	03/16/2024 01:54	WG2247575
1,1,1-Trichloroethane	U		0.0233	0.0631	1.01	03/16/2024 01:54	WG2247575
1,1,2-Trichloroethane	U		0.0151	0.0631	1.01	03/16/2024 01:54	WG2247575
Trichloroethene	U		0.0147	0.0253	1.01	03/16/2024 01:54	WG2247575
Trichlorofluoromethane	U		0.0209	0.0631	1.01	03/16/2024 01:54	WG2247575
1,2,3-Trichloropropane	U		0.0409	0.316	1.01	03/16/2024 01:54	WG2247575
1,2,4-Trimethylbenzene	U		0.0399	0.126	1.01	03/16/2024 01:54	WG2247575
1,2,3-Trimethylbenzene	U		0.0399	0.126	1.01	03/16/2024 01:54	WG2247575
1,3,5-Trimethylbenzene	U		0.0505	0.126	1.01	03/16/2024 01:54	WG2247575
Vinyl chloride	U		0.0293	0.0631	1.01	03/16/2024 01:54	WG2247575
Xylenes, Total	U		0.0222	0.164	1.01	03/16/2024 01:54	WG2247575
(S) Toluene-d8	*106*			*75.0-131*		*03/16/2024 01:54*	WG2247575
(S) 4-Bromofluorobenzene	*94.7*			*67.0-138*		*03/16/2024 01:54*	WG2247575
(S) 1,2-Dichloroethane-d4	*91.6*			*70.0-130*		*03/16/2024 01:54*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/16/2024 02:14	WG2247575
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 02:14	WG2247575
Benzene	U		0.0117	0.0250	1	03/16/2024 02:14	WG2247575
Bromobenzene	U		0.0225	0.313	1	03/16/2024 02:14	WG2247575
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 02:14	WG2247575
Bromoform	U		0.0293	0.625	1	03/16/2024 02:14	WG2247575
Bromomethane	U		0.0493	0.313	1	03/16/2024 02:14	WG2247575
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 02:14	WG2247575
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 02:14	WG2247575
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 02:14	WG2247575
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 02:14	WG2247575
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 02:14	WG2247575
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 02:14	WG2247575
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 02:14	WG2247575
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 02:14	WG2247575
Chloroethane	U		0.0425	0.125	1	03/16/2024 02:14	WG2247575
Chloroform	U		0.0258	0.0625	1	03/16/2024 02:14	WG2247575
Chloromethane	U		0.109	0.313	1	03/16/2024 02:14	WG2247575
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 02:14	WG2247575
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 02:14	WG2247575
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 02:14	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 02:14	WG2247575
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 02:14	WG2247575
Dibromomethane	U		0.0188	0.125	1	03/16/2024 02:14	WG2247575
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 02:14	WG2247575
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 02:14	WG2247575
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 02:14	WG2247575
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 02:14	WG2247575
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 02:14	WG2247575
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 02:14	WG2247575
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 02:14	WG2247575
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 02:14	WG2247575
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 02:14	WG2247575
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 02:14	WG2247575
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 02:14	WG2247575
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 02:14	WG2247575
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 02:14	WG2247575
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 02:14	WG2247575
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 02:14	WG2247575
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 02:14	WG2247575
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 02:14	WG2247575
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 02:14	WG2247575
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 02:14	WG2247575
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 02:14	WG2247575
n-Hexane	U		0.0565	0.125	1	03/16/2024 02:14	WG2247575
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 02:14	WG2247575
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 02:14	WG2247575
2-Butanone (MEK)	U		1.59	2.50	1	03/16/2024 02:14	WG2247575
Methylene Chloride	U		0.166	0.625	1	03/16/2024 02:14	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 02:14	WG2247575
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 02:14	WG2247575
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 02:14	WG2247575
Naphthalene	U		0.122	0.313	1	03/16/2024 02:14	WG2247575
Propene	U		0.153	1.25	1	03/16/2024 02:14	WG2247575
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 02:14	WG2247575
Styrene	U		0.00573	0.313	1	03/16/2024 02:14	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 02:14	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 02:14	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 02:14	WG2247575
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 02:14	WG2247575
Toluene	U		0.0325	0.125	1	03/16/2024 02:14	WG2247575
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 02:14	WG2247575
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 02:14	WG2247575
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 02:14	WG2247575
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 02:14	WG2247575
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 02:14	WG2247575
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 02:14	WG2247575
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 02:14	WG2247575
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 02:14	WG2247575
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 02:14	WG2247575
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 02:14	WG2247575
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 02:14	WG2247575
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 02:14	WG2247575
(S) Toluene-d8	*106*			*75.0-131*		*03/16/2024 02:14*	WG2247575
(S) 4-Bromofluorobenzene	*92.9*			*67.0-138*		*03/16/2024 02:14*	WG2247575
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*03/16/2024 02:14*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.922	1.26	1.01	03/16/2024 02:34	WG2247575
Acrylonitrile	U		0.0912	0.316	1.01	03/16/2024 02:34	WG2247575
Benzene	U		0.0118	0.0253	1.01	03/16/2024 02:34	WG2247575
Bromobenzene	U		0.0227	0.316	1.01	03/16/2024 02:34	WG2247575
Bromodichloromethane	U		0.0183	0.0631	1.01	03/16/2024 02:34	WG2247575
Bromoform	U		0.0295	0.631	1.01	03/16/2024 02:34	WG2247575
Bromomethane	U		0.0497	0.316	1.01	03/16/2024 02:34	WG2247575
1,3-Butadiene	U		0.130	0.631	1.01	03/16/2024 02:34	WG2247575
n-Butylbenzene	U		0.133	0.316	1.01	03/16/2024 02:34	WG2247575
sec-Butylbenzene	U		0.0727	0.316	1.01	03/16/2024 02:34	WG2247575
tert-Butylbenzene	U		0.0492	0.126	1.01	03/16/2024 02:34	WG2247575
Carbon disulfide	U		0.0177	0.316	1.01	03/16/2024 02:34	WG2247575
Carbon tetrachloride	U		0.0227	0.126	1.01	03/16/2024 02:34	WG2247575
Chlorobenzene	U		0.00530	0.0631	1.01	03/16/2024 02:34	WG2247575
Chlorodibromomethane	U		0.0155	0.0631	1.01	03/16/2024 02:34	WG2247575
Chloroethane	U		0.0429	0.126	1.01	03/16/2024 02:34	WG2247575
Chloroform	U		0.0260	0.0631	1.01	03/16/2024 02:34	WG2247575
Chloromethane	U		0.110	0.316	1.01	03/16/2024 02:34	WG2247575
2-Chlorotoluene	U		0.0218	0.0631	1.01	03/16/2024 02:34	WG2247575
4-Chlorotoluene	U		0.0114	0.126	1.01	03/16/2024 02:34	WG2247575
Cyclohexane	U		0.0280	0.0631	1.01	03/16/2024 02:34	WG2247575
1,2-Dibromo-3-Chloropropane	U		0.0985	0.631	1.01	03/16/2024 02:34	WG2247575
1,2-Dibromoethane	U		0.0164	0.0631	1.01	03/16/2024 02:34	WG2247575
Dibromomethane	U		0.0189	0.126	1.01	03/16/2024 02:34	WG2247575
1,2-Dichlorobenzene	U		0.0107	0.126	1.01	03/16/2024 02:34	WG2247575
1,3-Dichlorobenzene	U		0.0152	0.126	1.01	03/16/2024 02:34	WG2247575
1,4-Dichlorobenzene	U		0.0177	0.126	1.01	03/16/2024 02:34	WG2247575
Dichlorodifluoromethane	U		0.0407	0.0631	1.01	03/16/2024 02:34	WG2247575
1,1-Dichloroethane	U		0.0124	0.0631	1.01	03/16/2024 02:34	WG2247575
1,2-Dichloroethane	U		0.0164	0.0631	1.01	03/16/2024 02:34	WG2247575
1,1-Dichloroethene	U		0.0153	0.0631	1.01	03/16/2024 02:34	WG2247575
cis-1,2-Dichloroethene	U		0.0185	0.0631	1.01	03/16/2024 02:34	WG2247575
trans-1,2-Dichloroethene	U		0.0263	0.126	1.01	03/16/2024 02:34	WG2247575
1,2-Dichloropropane	U		0.0359	0.126	1.01	03/16/2024 02:34	WG2247575
1,1-Dichloropropene	U		0.0204	0.0631	1.01	03/16/2024 02:34	WG2247575
1,3-Dichloropropane	U		0.0127	0.126	1.01	03/16/2024 02:34	WG2247575
cis-1,3-Dichloropropene	U		0.0191	0.0631	1.01	03/16/2024 02:34	WG2247575
trans-1,3-Dichloropropene	U		0.0288	0.126	1.01	03/16/2024 02:34	WG2247575
2,2-Dichloropropane	U		0.0348	0.0631	1.01	03/16/2024 02:34	WG2247575
Dicyclopentadiene	U		0.0417	0.316	1.01	03/16/2024 02:34	WG2247575
Di-isopropyl ether	U		0.0104	0.0253	1.01	03/16/2024 02:34	WG2247575
Ethylbenzene	U		0.0186	0.0631	1.01	03/16/2024 02:34	WG2247575
4-Ethyltoluene	U		0.0586	0.126	1.01	03/16/2024 02:34	WG2247575
Hexachloro-1,3-butadiene	U		0.152	0.631	1.01	03/16/2024 02:34	WG2247575
n-Hexane	U		0.0571	0.126	1.01	03/16/2024 02:34	WG2247575
Isopropylbenzene	U		0.0107	0.0631	1.01	03/16/2024 02:34	WG2247575
p-Isopropyltoluene	U		0.0644	0.126	1.01	03/16/2024 02:34	WG2247575
2-Butanone (MEK)	U		1.60	2.53	1.01	03/16/2024 02:34	WG2247575
Methylene Chloride	U		0.168	0.631	1.01	03/16/2024 02:34	WG2247575
4-Methyl-2-pentanone (MIBK)	U		0.0576	0.631	1.01	03/16/2024 02:34	WG2247575
Methyl tert-butyl ether	U		0.00884	0.0253	1.01	03/16/2024 02:34	WG2247575
Methyl Cyclohexane	U		0.0520	0.126	1.01	03/16/2024 02:34	WG2247575
Naphthalene	U		0.123	0.316	1.01	03/16/2024 02:34	WG2247575
Propene	U		0.155	1.26	1.01	03/16/2024 02:34	WG2247575
n-Propylbenzene	U		0.0240	0.126	1.01	03/16/2024 02:34	WG2247575
Styrene	U		0.00578	0.316	1.01	03/16/2024 02:34	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0239	0.0631	1.01	03/16/2024 02:34	WG2247575
1,1,2,2-Tetrachloroethane	U		0.0175	0.0631	1.01	03/16/2024 02:34	WG2247575
1,1,2-Trichlorotrifluoroethane	U		0.0190	0.0631	1.01	03/16/2024 02:34	WG2247575
Tetrachloroethene	U		0.0226	0.0631	1.01	03/16/2024 02:34	WG2247575
Toluene	U		0.0328	0.126	1.01	03/16/2024 02:34	WG2247575
1,2,3-Trichlorobenzene	U		0.185	0.316	1.01	03/16/2024 02:34	WG2247575
1,2,4-Trichlorobenzene	U		0.111	0.316	1.01	03/16/2024 02:34	WG2247575
1,1,1-Trichloroethane	U		0.0233	0.0631	1.01	03/16/2024 02:34	WG2247575
1,1,2-Trichloroethane	U		0.0151	0.0631	1.01	03/16/2024 02:34	WG2247575
Trichloroethene	U		0.0147	0.0253	1.01	03/16/2024 02:34	WG2247575
Trichlorofluoromethane	U		0.0209	0.0631	1.01	03/16/2024 02:34	WG2247575
1,2,3-Trichloropropane	U		0.0409	0.316	1.01	03/16/2024 02:34	WG2247575
1,2,4-Trimethylbenzene	U		0.0399	0.126	1.01	03/16/2024 02:34	WG2247575
1,2,3-Trimethylbenzene	U		0.0399	0.126	1.01	03/16/2024 02:34	WG2247575
1,3,5-Trimethylbenzene	U		0.0505	0.126	1.01	03/16/2024 02:34	WG2247575
Vinyl chloride	U		0.0293	0.0631	1.01	03/16/2024 02:34	WG2247575
Xylenes, Total	U		0.0222	0.164	1.01	03/16/2024 02:34	WG2247575
(S) Toluene-d8	*105*			*75.0-131*		*03/16/2024 02:34*	WG2247575
(S) 4-Bromofluorobenzene	*91.3*			*67.0-138*		*03/16/2024 02:34*	WG2247575
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*		*03/16/2024 02:34*	WG2247575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/16/2024 17:28	WG2248022
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 17:28	WG2248022
Benzene	U		0.0117	0.0250	1	03/16/2024 17:28	WG2248022
Bromobenzene	U		0.0225	0.313	1	03/16/2024 17:28	WG2248022
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 17:28	WG2248022
Bromoform	U		0.0293	0.625	1	03/16/2024 17:28	WG2248022
Bromomethane	U		0.0493	0.313	1	03/16/2024 17:28	WG2248022
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 17:28	WG2248022
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 17:28	WG2248022
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 17:28	WG2248022
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 17:28	WG2248022
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 17:28	WG2248022
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 17:28	WG2248022
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 17:28	WG2248022
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 17:28	WG2248022
Chloroethane	U		0.0425	0.125	1	03/16/2024 17:28	WG2248022
Chloroform	U		0.0258	0.0625	1	03/16/2024 17:28	WG2248022
Chloromethane	U		0.109	0.313	1	03/16/2024 17:28	WG2248022
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 17:28	WG2248022
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 17:28	WG2248022
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 17:28	WG2248022
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 17:28	WG2248022
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 17:28	WG2248022
Dibromomethane	U		0.0188	0.125	1	03/16/2024 17:28	WG2248022
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 17:28	WG2248022
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 17:28	WG2248022
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 17:28	WG2248022
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 17:28	WG2248022
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 17:28	WG2248022
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 17:28	WG2248022
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 17:28	WG2248022
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 17:28	WG2248022
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 17:28	WG2248022
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 17:28	WG2248022
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 17:28	WG2248022
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 17:28	WG2248022
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 17:28	WG2248022
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 17:28	WG2248022
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 17:28	WG2248022
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 17:28	WG2248022
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 17:28	WG2248022
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 17:28	WG2248022
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 17:28	WG2248022
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 17:28	WG2248022
n-Hexane	U		0.0565	0.125	1	03/16/2024 17:28	WG2248022
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 17:28	WG2248022
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 17:28	WG2248022
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/16/2024 17:28	WG2248022
Methylene Chloride	U		0.166	0.625	1	03/16/2024 17:28	WG2248022
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 17:28	WG2248022
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 17:28	WG2248022
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 17:28	WG2248022
Naphthalene	U		0.122	0.313	1	03/16/2024 17:28	WG2248022
Propene	U		0.153	1.25	1	03/16/2024 17:28	WG2248022
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 17:28	WG2248022
Styrene	U		0.00573	0.313	1	03/16/2024 17:28	WG2248022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 17:28	WG2248022
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 17:28	WG2248022
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 17:28	WG2248022
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 17:28	WG2248022
Toluene	U		0.0325	0.125	1	03/16/2024 17:28	WG2248022
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 17:28	WG2248022
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 17:28	WG2248022
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 17:28	WG2248022
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 17:28	WG2248022
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 17:28	WG2248022
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 17:28	WG2248022
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 17:28	WG2248022
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 17:28	WG2248022
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 17:28	WG2248022
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 17:28	WG2248022
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 17:28	WG2248022
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 17:28	WG2248022
(S) Toluene-d8	*101*			*75.0-131*		*03/16/2024 17:28*	WG2248022
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*03/16/2024 17:28*	WG2248022
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*03/16/2024 17:28*	WG2248022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/16/2024 17:47	WG2248022
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 17:47	WG2248022
Benzene	U		0.0117	0.0250	1	03/16/2024 17:47	WG2248022
Bromobenzene	U		0.0225	0.313	1	03/16/2024 17:47	WG2248022
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 17:47	WG2248022
Bromoform	U		0.0293	0.625	1	03/16/2024 17:47	WG2248022
Bromomethane	U		0.0493	0.313	1	03/16/2024 17:47	WG2248022
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 17:47	WG2248022
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 17:47	WG2248022
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 17:47	WG2248022
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 17:47	WG2248022
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 17:47	WG2248022
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 17:47	WG2248022
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 17:47	WG2248022
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 17:47	WG2248022
Chloroethane	U		0.0425	0.125	1	03/16/2024 17:47	WG2248022
Chloroform	U		0.0258	0.0625	1	03/16/2024 17:47	WG2248022
Chloromethane	U		0.109	0.313	1	03/16/2024 17:47	WG2248022
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 17:47	WG2248022
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 17:47	WG2248022
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 17:47	WG2248022
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 17:47	WG2248022
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 17:47	WG2248022
Dibromomethane	U		0.0188	0.125	1	03/16/2024 17:47	WG2248022
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 17:47	WG2248022
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 17:47	WG2248022
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 17:47	WG2248022
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 17:47	WG2248022
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 17:47	WG2248022
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 17:47	WG2248022
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 17:47	WG2248022
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 17:47	WG2248022
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 17:47	WG2248022
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 17:47	WG2248022
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 17:47	WG2248022
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 17:47	WG2248022
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 17:47	WG2248022
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 17:47	WG2248022
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 17:47	WG2248022
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 17:47	WG2248022
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 17:47	WG2248022
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 17:47	WG2248022
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 17:47	WG2248022
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 17:47	WG2248022
n-Hexane	U		0.0565	0.125	1	03/16/2024 17:47	WG2248022
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 17:47	WG2248022
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 17:47	WG2248022
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/16/2024 17:47	WG2248022
Methylene Chloride	U		0.166	0.625	1	03/16/2024 17:47	WG2248022
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 17:47	WG2248022
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 17:47	WG2248022
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 17:47	WG2248022
Naphthalene	U		0.122	0.313	1	03/16/2024 17:47	WG2248022
Propene	U		0.153	1.25	1	03/16/2024 17:47	WG2248022
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 17:47	WG2248022
Styrene	U		0.00573	0.313	1	03/16/2024 17:47	WG2248022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 17:47	WG2248022
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 17:47	WG2248022
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 17:47	WG2248022
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 17:47	WG2248022
Toluene	U		0.0325	0.125	1	03/16/2024 17:47	WG2248022
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 17:47	WG2248022
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 17:47	WG2248022
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 17:47	WG2248022
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 17:47	WG2248022
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 17:47	WG2248022
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 17:47	WG2248022
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 17:47	WG2248022
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 17:47	WG2248022
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 17:47	WG2248022
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 17:47	WG2248022
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 17:47	WG2248022
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 17:47	WG2248022
(S) Toluene-d8	*102*			*75.0-131*		*03/16/2024 17:47*	WG2248022
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/16/2024 17:47*	WG2248022
(S) 1,2-Dichloroethane-d4	*95.7*			*70.0-130*		*03/16/2024 17:47*	WG2248022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/16/2024 18:06	WG2248022
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 18:06	WG2248022
Benzene	U		0.0117	0.0250	1	03/16/2024 18:06	WG2248022
Bromobenzene	U		0.0225	0.313	1	03/16/2024 18:06	WG2248022
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 18:06	WG2248022
Bromoform	U		0.0293	0.625	1	03/16/2024 18:06	WG2248022
Bromomethane	U		0.0493	0.313	1	03/16/2024 18:06	WG2248022
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 18:06	WG2248022
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 18:06	WG2248022
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 18:06	WG2248022
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 18:06	WG2248022
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 18:06	WG2248022
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 18:06	WG2248022
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 18:06	WG2248022
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 18:06	WG2248022
Chloroethane	U		0.0425	0.125	1	03/16/2024 18:06	WG2248022
Chloroform	U		0.0258	0.0625	1	03/16/2024 18:06	WG2248022
Chloromethane	U		0.109	0.313	1	03/16/2024 18:06	WG2248022
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 18:06	WG2248022
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 18:06	WG2248022
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 18:06	WG2248022
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 18:06	WG2248022
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 18:06	WG2248022
Dibromomethane	U		0.0188	0.125	1	03/16/2024 18:06	WG2248022
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 18:06	WG2248022
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 18:06	WG2248022
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 18:06	WG2248022
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 18:06	WG2248022
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 18:06	WG2248022
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 18:06	WG2248022
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 18:06	WG2248022
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 18:06	WG2248022
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 18:06	WG2248022
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 18:06	WG2248022
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 18:06	WG2248022
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 18:06	WG2248022
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 18:06	WG2248022
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 18:06	WG2248022
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 18:06	WG2248022
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 18:06	WG2248022
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 18:06	WG2248022
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 18:06	WG2248022
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 18:06	WG2248022
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 18:06	WG2248022
n-Hexane	U		0.0565	0.125	1	03/16/2024 18:06	WG2248022
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 18:06	WG2248022
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 18:06	WG2248022
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/16/2024 18:06	WG2248022
Methylene Chloride	U		0.166	0.625	1	03/16/2024 18:06	WG2248022
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 18:06	WG2248022
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 18:06	WG2248022
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 18:06	WG2248022
Naphthalene	U		0.122	0.313	1	03/16/2024 18:06	WG2248022
Propene	U		0.153	1.25	1	03/16/2024 18:06	WG2248022
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 18:06	WG2248022
Styrene	U		0.00573	0.313	1	03/16/2024 18:06	WG2248022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 18:06	WG2248022
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 18:06	WG2248022
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 18:06	WG2248022
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 18:06	WG2248022
Toluene	U		0.0325	0.125	1	03/16/2024 18:06	WG2248022
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 18:06	WG2248022
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 18:06	WG2248022
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 18:06	WG2248022
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 18:06	WG2248022
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 18:06	WG2248022
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 18:06	WG2248022
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 18:06	WG2248022
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 18:06	WG2248022
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 18:06	WG2248022
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 18:06	WG2248022
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 18:06	WG2248022
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 18:06	WG2248022
(S) Toluene-d8	*103*			*75.0-131*		*03/16/2024 18:06*	WG2248022
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/16/2024 18:06*	WG2248022
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*03/16/2024 18:06*	WG2248022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/16/2024 18:25	WG2248022
Acrylonitrile	U		0.0903	0.313	1	03/16/2024 18:25	WG2248022
Benzene	U		0.0117	0.0250	1	03/16/2024 18:25	WG2248022
Bromobenzene	U		0.0225	0.313	1	03/16/2024 18:25	WG2248022
Bromodichloromethane	U		0.0181	0.0625	1	03/16/2024 18:25	WG2248022
Bromoform	U		0.0293	0.625	1	03/16/2024 18:25	WG2248022
Bromomethane	U		0.0493	0.313	1	03/16/2024 18:25	WG2248022
1,3-Butadiene	U		0.128	0.625	1	03/16/2024 18:25	WG2248022
n-Butylbenzene	U		0.131	0.313	1	03/16/2024 18:25	WG2248022
sec-Butylbenzene	U		0.0720	0.313	1	03/16/2024 18:25	WG2248022
tert-Butylbenzene	U		0.0488	0.125	1	03/16/2024 18:25	WG2248022
Carbon disulfide	U		0.0175	0.313	1	03/16/2024 18:25	WG2248022
Carbon tetrachloride	U		0.0225	0.125	1	03/16/2024 18:25	WG2248022
Chlorobenzene	U		0.00525	0.0625	1	03/16/2024 18:25	WG2248022
Chlorodibromomethane	U		0.0153	0.0625	1	03/16/2024 18:25	WG2248022
Chloroethane	U		0.0425	0.125	1	03/16/2024 18:25	WG2248022
Chloroform	U		0.0258	0.0625	1	03/16/2024 18:25	WG2248022
Chloromethane	U		0.109	0.313	1	03/16/2024 18:25	WG2248022
2-Chlorotoluene	U		0.0216	0.0625	1	03/16/2024 18:25	WG2248022
4-Chlorotoluene	U		0.0113	0.125	1	03/16/2024 18:25	WG2248022
Cyclohexane	U		0.0278	0.0625	1	03/16/2024 18:25	WG2248022
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/16/2024 18:25	WG2248022
1,2-Dibromoethane	U		0.0162	0.0625	1	03/16/2024 18:25	WG2248022
Dibromomethane	U		0.0188	0.125	1	03/16/2024 18:25	WG2248022
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/16/2024 18:25	WG2248022
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/16/2024 18:25	WG2248022
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/16/2024 18:25	WG2248022
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/16/2024 18:25	WG2248022
1,1-Dichloroethane	U		0.0123	0.0625	1	03/16/2024 18:25	WG2248022
1,2-Dichloroethane	U		0.0162	0.0625	1	03/16/2024 18:25	WG2248022
1,1-Dichloroethene	U		0.0152	0.0625	1	03/16/2024 18:25	WG2248022
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/16/2024 18:25	WG2248022
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/16/2024 18:25	WG2248022
1,2-Dichloropropane	U		0.0355	0.125	1	03/16/2024 18:25	WG2248022
1,1-Dichloropropene	U		0.0202	0.0625	1	03/16/2024 18:25	WG2248022
1,3-Dichloropropane	U		0.0125	0.125	1	03/16/2024 18:25	WG2248022
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/16/2024 18:25	WG2248022
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/16/2024 18:25	WG2248022
2,2-Dichloropropane	U		0.0345	0.0625	1	03/16/2024 18:25	WG2248022
Dicyclopentadiene	U		0.0413	0.313	1	03/16/2024 18:25	WG2248022
Di-isopropyl ether	U		0.0103	0.0250	1	03/16/2024 18:25	WG2248022
Ethylbenzene	U		0.0184	0.0625	1	03/16/2024 18:25	WG2248022
4-Ethyltoluene	U		0.0580	0.125	1	03/16/2024 18:25	WG2248022
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/16/2024 18:25	WG2248022
n-Hexane	U		0.0565	0.125	1	03/16/2024 18:25	WG2248022
Isopropylbenzene	U		0.0106	0.0625	1	03/16/2024 18:25	WG2248022
p-Isopropyltoluene	U		0.0638	0.125	1	03/16/2024 18:25	WG2248022
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/16/2024 18:25	WG2248022
Methylene Chloride	U		0.166	0.625	1	03/16/2024 18:25	WG2248022
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/16/2024 18:25	WG2248022
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/16/2024 18:25	WG2248022
Methyl Cyclohexane	U		0.0515	0.125	1	03/16/2024 18:25	WG2248022
Naphthalene	U		0.122	0.313	1	03/16/2024 18:25	WG2248022
Propene	U		0.153	1.25	1	03/16/2024 18:25	WG2248022
n-Propylbenzene	U		0.0238	0.125	1	03/16/2024 18:25	WG2248022
Styrene	U		0.00573	0.313	1	03/16/2024 18:25	WG2248022

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/16/2024 18:25	WG2248022
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/16/2024 18:25	WG2248022
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/16/2024 18:25	WG2248022
Tetrachloroethene	U		0.0224	0.0625	1	03/16/2024 18:25	WG2248022
Toluene	U		0.0325	0.125	1	03/16/2024 18:25	WG2248022
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/16/2024 18:25	WG2248022
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/16/2024 18:25	WG2248022
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/16/2024 18:25	WG2248022
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/16/2024 18:25	WG2248022
Trichloroethene	U		0.0146	0.0250	1	03/16/2024 18:25	WG2248022
Trichlorofluoromethane	U		0.0207	0.0625	1	03/16/2024 18:25	WG2248022
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/16/2024 18:25	WG2248022
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 18:25	WG2248022
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/16/2024 18:25	WG2248022
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/16/2024 18:25	WG2248022
Vinyl chloride	U		0.0290	0.0625	1	03/16/2024 18:25	WG2248022
Xylenes, Total	U		0.0220	0.163	1	03/16/2024 18:25	WG2248022
(S) Toluene-d8	*98.3*			*75.0-131*		*03/16/2024 18:25*	WG2248022
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*03/16/2024 18:25*	WG2248022
(S) 1,2-Dichloroethane-d4	*98.2*			*70.0-130*		*03/16/2024 18:25*	WG2248022

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/14/2024 22:55	WG2247110
Acrolein	U		2.54	50.0	1	03/14/2024 22:55	WG2247110
Acrylonitrile	U		0.671	10.0	1	03/14/2024 22:55	WG2247110
Benzene	U		0.0941	1.00	1	03/14/2024 22:55	WG2247110
Bromobenzene	U		0.118	1.00	1	03/14/2024 22:55	WG2247110
Bromodichloromethane	U		0.136	1.00	1	03/14/2024 22:55	WG2247110
Bromoform	U		0.129	1.00	1	03/14/2024 22:55	WG2247110
Bromomethane	U		0.605	5.00	1	03/14/2024 22:55	WG2247110
1,3-Butadiene	U		0.299	2.00	1	03/14/2024 22:55	WG2247110
n-Butylbenzene	U		0.157	1.00	1	03/14/2024 22:55	WG2247110
sec-Butylbenzene	U		0.125	1.00	1	03/14/2024 22:55	WG2247110
tert-Butylbenzene	U		0.127	1.00	1	03/14/2024 22:55	WG2247110
Carbon tetrachloride	U		0.128	1.00	1	03/14/2024 22:55	WG2247110
Carbon disulfide	U		0.0962	1.00	1	03/14/2024 22:55	WG2247110
Chlorobenzene	U		0.116	1.00	1	03/14/2024 22:55	WG2247110
Chlorodibromomethane	U		0.140	1.00	1	03/14/2024 22:55	WG2247110
Chloroethane	U	L1	0.192	5.00	1	03/14/2024 22:55	WG2247110
Chloroform	U		0.111	5.00	1	03/14/2024 22:55	WG2247110
Chloromethane	U		0.960	2.50	1	03/14/2024 22:55	WG2247110
Cyclohexane	U		0.188	1.00	1	03/14/2024 22:55	WG2247110
2-Chlorotoluene	U		0.106	1.00	1	03/14/2024 22:55	WG2247110
4-Chlorotoluene	U		0.114	1.00	1	03/14/2024 22:55	WG2247110
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/14/2024 22:55	WG2247110
1,2-Dibromoethane	U		0.126	1.00	1	03/14/2024 22:55	WG2247110
Dibromomethane	U		0.122	1.00	1	03/14/2024 22:55	WG2247110
1,2-Dichlorobenzene	U		0.107	1.00	1	03/14/2024 22:55	WG2247110
1,3-Dichlorobenzene	U		0.110	1.00	1	03/14/2024 22:55	WG2247110
1,4-Dichlorobenzene	U		0.120	1.00	1	03/14/2024 22:55	WG2247110
Dichlorodifluoromethane	U		0.374	5.00	1	03/14/2024 22:55	WG2247110
1,1-Dichloroethane	U		0.100	1.00	1	03/14/2024 22:55	WG2247110
1,2-Dichloroethane	U		0.0819	1.00	1	03/14/2024 22:55	WG2247110
1,1-Dichloroethene	U		0.188	1.00	1	03/14/2024 22:55	WG2247110
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/14/2024 22:55	WG2247110
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/14/2024 22:55	WG2247110
1,2-Dichloropropane	U		0.149	1.00	1	03/14/2024 22:55	WG2247110
1,1-Dichloropropene	U		0.142	1.00	1	03/14/2024 22:55	WG2247110
1,3-Dichloropropane	U		0.110	1.00	1	03/14/2024 22:55	WG2247110
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/14/2024 22:55	WG2247110
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/14/2024 22:55	WG2247110
2,2-Dichloropropane	U		0.161	1.00	1	03/14/2024 22:55	WG2247110
Dicyclopentadiene	U		0.253	1.00	1	03/14/2024 22:55	WG2247110
Di-isopropyl ether	U		0.105	1.00	1	03/14/2024 22:55	WG2247110
Ethylbenzene	U		0.137	1.00	1	03/14/2024 22:55	WG2247110
4-Ethyltoluene	U		0.208	1.00	1	03/14/2024 22:55	WG2247110
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/14/2024 22:55	WG2247110
n-Hexane	U	L1	0.749	10.0	1	03/14/2024 22:55	WG2247110
Isopropylbenzene	U		0.105	1.00	1	03/14/2024 22:55	WG2247110
p-Isopropyltoluene	U		0.120	1.00	1	03/14/2024 22:55	WG2247110
2-Butanone (MEK)	U		1.19	10.0	1	03/14/2024 22:55	WG2247110
Methyl Cyclohexane	U		0.660	1.00	1	03/14/2024 22:55	WG2247110
Methylene Chloride	U		0.430	5.00	1	03/14/2024 22:55	WG2247110
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/14/2024 22:55	WG2247110
Methyl tert-butyl ether	U		0.101	1.00	1	03/14/2024 22:55	WG2247110
Naphthalene	U		1.00	5.00	1	03/14/2024 22:55	WG2247110
Propene	U		0.936	2.50	1	03/14/2024 22:55	WG2247110
n-Propylbenzene	U		0.0993	1.00	1	03/14/2024 22:55	WG2247110

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/14/2024 22:55	WG2247110
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/14/2024 22:55	WG2247110
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/14/2024 22:55	WG2247110
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/14/2024 22:55	WG2247110
Tetrachloroethene	U		0.300	1.00	1	03/14/2024 22:55	WG2247110
Toluene	U		0.278	1.00	1	03/14/2024 22:55	WG2247110
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/14/2024 22:55	WG2247110
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/14/2024 22:55	WG2247110
1,1,1-Trichloroethane	U		0.149	1.00	1	03/14/2024 22:55	WG2247110
1,1,2-Trichloroethane	U		0.158	1.00	1	03/14/2024 22:55	WG2247110
Trichloroethene	U		0.190	1.00	1	03/14/2024 22:55	WG2247110
Trichlorofluoromethane	U		0.160	5.00	1	03/14/2024 22:55	WG2247110
1,2,3-Trichloropropane	U		0.237	2.50	1	03/14/2024 22:55	WG2247110
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/14/2024 22:55	WG2247110
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/14/2024 22:55	WG2247110
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/14/2024 22:55	WG2247110
Vinyl chloride	U		0.234	1.00	1	03/14/2024 22:55	WG2247110
Xylenes, Total	U		0.174	3.00	1	03/14/2024 22:55	WG2247110
(S) Toluene-d8	*99.0*			*80.0-120*		*03/14/2024 22:55*	WG2247110
(S) 4-Bromofluorobenzene	*82.3*			*77.0-126*		*03/14/2024 22:55*	WG2247110
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/14/2024 22:55*	WG2247110

Method Blank (MB)

(MB) R4046025-3 03/14/24 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4046025-3 03/14/24 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*110*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046025-1 03/14/24 08:48 • (LCSD) R4046025-2 03/14/24 09:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.418	0.459	66.9	73.4	30.0-160			9.35	31
Acrylonitrile	0.625	0.570	0.484	91.2	77.4	45.0-153			16.3	22
Benzene	0.125	0.132	0.129	106	103	70.0-123			2.30	20
Bromobenzene	0.125	0.155	0.148	124	118	73.0-121	L1		4.62	20
Bromodichloromethane	0.125	0.123	0.121	98.4	96.8	73.0-121			1.64	20
Bromoform	0.125	0.123	0.126	98.4	101	64.0-132			2.41	20
Bromomethane	0.125	0.125	0.111	100	88.8	56.0-147			11.9	20
1,3-Butadiene	0.125	0.126	0.124	101	99.2	32.0-150			1.60	20
n-Butylbenzene	0.125	0.104	0.115	83.2	92.0	68.0-135			10.0	20
sec-Butylbenzene	0.125	0.126	0.124	101	99.2	74.0-130			1.60	20
tert-Butylbenzene	0.125	0.142	0.138	114	110	75.0-127			2.86	20
Carbon disulfide	0.125	0.113	0.107	90.4	85.6	56.0-133			5.45	20
Carbon tetrachloride	0.125	0.132	0.120	106	96.0	66.0-128			9.52	20
Chlorobenzene	0.125	0.143	0.140	114	112	76.0-128			2.12	20
Chlorodibromomethane	0.125	0.114	0.121	91.2	96.8	74.0-127			5.96	20
Chloroethane	0.125	0.106	0.0973	84.8	77.8	61.0-134			8.56	20
Chloroform	0.125	0.108	0.104	86.4	83.2	72.0-123			3.77	20
Chloromethane	0.125	0.113	0.113	90.4	90.4	51.0-138			0.000	20
2-Chlorotoluene	0.125	0.116	0.121	92.8	96.8	75.0-124			4.22	20
4-Chlorotoluene	0.125	0.119	0.118	95.2	94.4	75.0-124			0.844	20
Cyclohexane	0.125	0.111	0.0871	88.8	69.7	70.0-130		L2 R7	24.1	20
1,2-Dibromo-3-Chloropropane	0.125	0.0845	0.0992	67.6	79.4	59.0-130			16.0	20
1,2-Dibromoethane	0.125	0.124	0.116	99.2	92.8	74.0-128			6.67	20
Dibromomethane	0.125	0.119	0.105	95.2	84.0	75.0-122			12.5	20
1,2-Dichlorobenzene	0.125	0.134	0.131	107	105	76.0-124			2.26	20
1,3-Dichlorobenzene	0.125	0.135	0.131	108	105	76.0-125			3.01	20
1,4-Dichlorobenzene	0.125	0.134	0.132	107	106	77.0-121			1.50	20
Dichlorodifluoromethane	0.125	0.127	0.114	102	91.2	43.0-156			10.8	20
1,1-Dichloroethane	0.125	0.113	0.111	90.4	88.8	70.0-127			1.79	20
1,2-Dichloroethane	0.125	0.118	0.109	94.4	87.2	65.0-131			7.93	20
1,1-Dichloroethene	0.125	0.118	0.108	94.4	86.4	65.0-131			8.85	20
cis-1,2-Dichloroethene	0.125	0.118	0.110	94.4	88.0	73.0-125			7.02	20
trans-1,2-Dichloroethene	0.125	0.116	0.115	92.8	92.0	71.0-125			0.866	20
1,2-Dichloropropane	0.125	0.103	0.116	82.4	92.8	74.0-125			11.9	20
1,1-Dichloropropene	0.125	0.122	0.116	97.6	92.8	73.0-125			5.04	20
1,3-Dichloropropane	0.125	0.126	0.127	101	102	80.0-125			0.791	20
cis-1,3-Dichloropropene	0.125	0.114	0.113	91.2	90.4	76.0-127			0.881	20
trans-1,3-Dichloropropene	0.125	0.122	0.115	97.6	92.0	73.0-127			5.91	20
2,2-Dichloropropane	0.125	0.123	0.117	98.4	93.6	59.0-135			5.00	20
Dicyclopentadiene	0.125	0.125	0.122	100	97.6	71.0-132			2.43	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046025-1 03/14/24 08:48 • (LCSD) R4046025-2 03/14/24 09:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.118	0.106	94.4	84.8	60.0-136			10.7	20
Ethylbenzene	0.125	0.141	0.134	113	107	74.0-126			5.09	20
4-Ethyltoluene	0.125	0.129	0.126	103	101	71.0-129			2.35	20
Hexachloro-1,3-butadiene	0.125	0.134	0.121	107	96.8	57.0-150			10.2	20
n-Hexane	0.125	0.0972	0.108	77.8	86.4	55.0-137			10.5	20
Isopropylbenzene	0.125	0.136	0.124	109	99.2	72.0-127			9.23	20
p-Isopropyltoluene	0.125	0.133	0.130	106	104	72.0-133			2.28	20
2-Butanone (MEK)	0.625	0.458	0.517	73.3	82.7	30.0-160			12.1	24
Methylene Chloride	0.125	0.124	0.114	99.2	91.2	68.0-123			8.40	20
4-Methyl-2-pentanone (MIBK)	0.625	0.646	0.635	103	102	56.0-143			1.72	20
Methyl tert-butyl ether	0.125	0.118	0.118	94.4	94.4	66.0-132			0.000	20
Methyl Cyclohexane	0.125	0.0896	0.0967	71.7	77.4	67.0-129			7.62	20
Naphthalene	0.125	0.101	0.0979	80.8	78.3	59.0-130			3.12	20
Propene	0.125	0.118	0.0841	94.4	67.3	30.0-160		R7	33.5	20
n-Propylbenzene	0.125	0.141	0.118	113	94.4	74.0-126			17.8	20
Styrene	0.125	0.111	0.119	88.8	95.2	72.0-127			6.96	20
1,1,1,2-Tetrachloroethane	0.125	0.130	0.114	104	91.2	74.0-129			13.1	20
1,1,2,2-Tetrachloroethane	0.125	0.126	0.117	101	93.6	68.0-128			7.41	20
1,1,2-Trichlorotrifluoroethane	0.125	0.107	0.100	85.6	80.0	61.0-139			6.76	20
Tetrachloroethene	0.125	0.158	0.163	126	130	70.0-136			3.12	20
Toluene	0.125	0.139	0.136	111	109	75.0-121			2.18	20
1,2,3-Trichlorobenzene	0.125	0.105	0.116	84.0	92.8	59.0-139			9.95	20
1,2,4-Trichlorobenzene	0.125	0.129	0.127	103	102	62.0-137			1.56	20
1,1,1-Trichloroethane	0.125	0.129	0.121	103	96.8	69.0-126			6.40	20
1,1,2-Trichloroethane	0.125	0.127	0.129	102	103	78.0-123			1.56	20
Trichloroethene	0.125	0.115	0.119	92.0	95.2	76.0-126			3.42	20
Trichlorofluoromethane	0.125	0.110	0.101	88.0	80.8	61.0-142			8.53	20
1,2,3-Trichloropropane	0.125	0.119	0.106	95.2	84.8	67.0-129			11.6	20
1,2,4-Trimethylbenzene	0.125	0.126	0.119	101	95.2	70.0-126			5.71	20
1,2,3-Trimethylbenzene	0.125	0.121	0.116	96.8	92.8	74.0-124			4.22	20
1,3,5-Trimethylbenzene	0.125	0.124	0.120	99.2	96.0	73.0-127			3.28	20
Vinyl chloride	0.125	0.106	0.106	84.8	84.8	63.0-134			0.000	20
Xylenes, Total	0.375	0.392	0.379	105	101	72.0-127			3.37	20
(S) Toluene-d8				*104*	*105*	*75.0-131*				
(S) 4-Bromofluorobenzene				*94.7*	*91.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*94.8*	*91.1*	*70.0-130*				

Method Blank (MB)

(MB) R4046984-3 03/15/24 20:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4046984-3 03/15/24 20:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*86.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046984-1 03/15/24 18:25 • (LCSD) R4046984-2 03/15/24 18:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.620	0.614	99.2	98.2	30.0-160			0.972	31
Acrylonitrile	0.625	0.615	0.632	98.4	101	45.0-153			2.73	22
Benzene	0.125	0.120	0.122	96.0	97.6	70.0-123			1.65	20
Bromobenzene	0.125	0.131	0.132	105	106	73.0-121			0.760	20
Bromodichloromethane	0.125	0.117	0.123	93.6	98.4	73.0-121			5.00	20
Bromoform	0.125	0.105	0.113	84.0	90.4	64.0-132			7.34	20
Bromomethane	0.125	0.104	0.114	83.2	91.2	56.0-147			9.17	20
1,3-Butadiene	0.125	0.132	0.138	106	110	32.0-150			4.44	20
n-Butylbenzene	0.125	0.106	0.103	84.8	82.4	68.0-135			2.87	20
sec-Butylbenzene	0.125	0.119	0.121	95.2	96.8	74.0-130			1.67	20
tert-Butylbenzene	0.125	0.122	0.125	97.6	100	75.0-127			2.43	20
Carbon disulfide	0.125	0.0980	0.101	78.4	80.8	56.0-133			3.02	20
Carbon tetrachloride	0.125	0.122	0.129	97.6	103	66.0-128			5.58	20
Chlorobenzene	0.125	0.125	0.128	100	102	76.0-128			2.37	20
Chlorodibromomethane	0.125	0.111	0.118	88.8	94.4	74.0-127			6.11	20
Chloroethane	0.125	0.150	0.143	120	114	61.0-134			4.78	20
Chloroform	0.125	0.111	0.117	88.8	93.6	72.0-123			5.26	20
Chloromethane	0.125	0.117	0.119	93.6	95.2	51.0-138			1.69	20
2-Chlorotoluene	0.125	0.116	0.134	92.8	107	75.0-124			14.4	20
4-Chlorotoluene	0.125	0.122	0.127	97.6	102	75.0-124			4.02	20
Cyclohexane	0.125	0.117	0.112	93.6	89.6	70.0-130			4.37	20
1,2-Dibromo-3-Chloropropane	0.125	0.0875	0.101	70.0	80.8	59.0-130			14.3	20
1,2-Dibromoethane	0.125	0.117	0.118	93.6	94.4	74.0-128			0.851	20
Dibromomethane	0.125	0.129	0.126	103	101	75.0-122			2.35	20
1,2-Dichlorobenzene	0.125	0.109	0.112	87.2	89.6	76.0-124			2.71	20
1,3-Dichlorobenzene	0.125	0.117	0.120	93.6	96.0	76.0-125			2.53	20
1,4-Dichlorobenzene	0.125	0.116	0.116	92.8	92.8	77.0-121			0.000	20
Dichlorodifluoromethane	0.125	0.119	0.123	95.2	98.4	43.0-156			3.31	20
1,1-Dichloroethane	0.125	0.121	0.126	96.8	101	70.0-127			4.05	20
1,2-Dichloroethane	0.125	0.125	0.127	100	102	65.0-131			1.59	20
1,1-Dichloroethene	0.125	0.126	0.128	101	102	65.0-131			1.57	20
cis-1,2-Dichloroethene	0.125	0.106	0.109	84.8	87.2	73.0-125			2.79	20
trans-1,2-Dichloroethene	0.125	0.112	0.117	89.6	93.6	71.0-125			4.37	20
1,2-Dichloropropane	0.125	0.131	0.133	105	106	74.0-125			1.52	20
1,1-Dichloropropene	0.125	0.122	0.128	97.6	102	73.0-125			4.80	20
1,3-Dichloropropane	0.125	0.124	0.126	99.2	101	80.0-125			1.60	20
cis-1,3-Dichloropropene	0.125	0.122	0.131	97.6	105	76.0-127			7.11	20
trans-1,3-Dichloropropene	0.125	0.144	0.147	115	118	73.0-127			2.06	20
2,2-Dichloropropane	0.125	0.118	0.126	94.4	101	59.0-135			6.56	20
Dicyclopentadiene	0.125	0.126	0.134	101	107	71.0-132			6.15	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046984-1 03/15/24 18:25 • (LCSD) R4046984-2 03/15/24 18:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.117	0.119	93.6	95.2	60.0-136			1.69	20
Ethylbenzene	0.125	0.114	0.118	91.2	94.4	74.0-126			3.45	20
4-Ethyltoluene	0.125	0.121	0.126	96.8	101	71.0-129			4.05	20
Hexachloro-1,3-butadiene	0.125	0.0962	0.0972	77.0	77.8	57.0-150			1.03	20
n-Hexane	0.125	0.118	0.128	94.4	102	55.0-137			8.13	20
Isopropylbenzene	0.125	0.109	0.113	87.2	90.4	72.0-127			3.60	20
p-Isopropyltoluene	0.125	0.111	0.115	88.8	92.0	72.0-133			3.54	20
2-Butanone (MEK)	0.625	0.664	0.674	106	108	30.0-160			1.49	24
Methylene Chloride	0.125	0.100	0.108	80.0	86.4	68.0-123			7.69	20
4-Methyl-2-pentanone (MIBK)	0.625	0.662	0.677	106	108	56.0-143			2.24	20
Methyl tert-butyl ether	0.125	0.106	0.110	84.8	88.0	66.0-132			3.70	20
Methyl Cyclohexane	0.125	0.112	0.127	89.6	102	67.0-129			12.6	20
Naphthalene	0.125	0.0785	0.0815	62.8	65.2	59.0-130			3.75	20
Propene	0.125	0.0774	0.0745	61.9	59.6	30.0-160			3.82	20
n-Propylbenzene	0.125	0.129	0.132	103	106	74.0-126			2.30	20
Styrene	0.125	0.117	0.120	93.6	96.0	72.0-127			2.53	20
1,1,1,2-Tetrachloroethane	0.125	0.111	0.116	88.8	92.8	74.0-129			4.41	20
1,1,2,2-Tetrachloroethane	0.125	0.124	0.125	99.2	100	68.0-128			0.803	20
1,1,2-Trichlorotrifluoroethane	0.125	0.110	0.117	88.0	93.6	61.0-139			6.17	20
Tetrachloroethene	0.125	0.133	0.153	106	122	70.0-136			14.0	20
Toluene	0.125	0.126	0.129	101	103	75.0-121			2.35	20
1,2,3-Trichlorobenzene	0.125	0.0826	0.0852	66.1	68.2	59.0-139			3.10	20
1,2,4-Trichlorobenzene	0.125	0.0872	0.0882	69.8	70.6	62.0-137			1.14	20
1,1,1-Trichloroethane	0.125	0.114	0.125	91.2	100	69.0-126			9.21	20
1,1,2-Trichloroethane	0.125	0.135	0.138	108	110	78.0-123			2.20	20
Trichloroethene	0.125	0.134	0.132	107	106	76.0-126			1.50	20
Trichlorofluoromethane	0.125	0.126	0.134	101	107	61.0-142			6.15	20
1,2,3-Trichloropropane	0.125	0.129	0.127	103	102	67.0-129			1.56	20
1,2,4-Trimethylbenzene	0.125	0.111	0.113	88.8	90.4	70.0-126			1.79	20
1,2,3-Trimethylbenzene	0.125	0.116	0.115	92.8	92.0	74.0-124			0.866	20
1,3,5-Trimethylbenzene	0.125	0.118	0.124	94.4	99.2	73.0-127			4.96	20
Vinyl chloride	0.125	0.133	0.140	106	112	63.0-134			5.13	20
Xylenes, Total	0.375	0.366	0.357	97.6	95.2	72.0-127			2.49	20
(S) Toluene-d8				*102*	*97.8*	*75.0-131*				
(S) 4-Bromofluorobenzene				*93.9*	*90.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*97.8*	*101*	*70.0-130*				

Method Blank (MB)

(MB) R4046617-3 03/16/24 11:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4046617-3 03/16/24 11:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046617-1 03/16/24 09:56 • (LCSD) R4046617-2 03/16/24 10:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.638	0.448	102	71.7	30.0-160		R7	35.0	31
Acrylonitrile	0.625	0.638	0.517	102	82.7	45.0-153			21.0	22
Benzene	0.125	0.115	0.118	92.0	94.4	70.0-123			2.58	20
Bromobenzene	0.125	0.121	0.125	96.8	100	73.0-121			3.25	20
Bromodichloromethane	0.125	0.133	0.134	106	107	73.0-121			0.749	20
Bromoform	0.125	0.123	0.121	98.4	96.8	64.0-132			1.64	20
Bromomethane	0.125	0.109	0.111	87.2	88.8	56.0-147			1.82	20
1,3-Butadiene	0.125	0.119	0.114	95.2	91.2	32.0-150			4.29	20
n-Butylbenzene	0.125	0.126	0.134	101	107	68.0-135			6.15	20
sec-Butylbenzene	0.125	0.123	0.127	98.4	102	74.0-130			3.20	20
tert-Butylbenzene	0.125	0.120	0.125	96.0	100	75.0-127			4.08	20
Carbon disulfide	0.125	0.101	0.0999	80.8	79.9	56.0-133			1.10	20
Carbon tetrachloride	0.125	0.138	0.137	110	110	66.0-128			0.727	20
Chlorobenzene	0.125	0.113	0.113	90.4	90.4	76.0-128			0.000	20
Chlorodibromomethane	0.125	0.129	0.126	103	101	74.0-127			2.35	20
Chloroethane	0.125	0.117	0.120	93.6	96.0	61.0-134			2.53	20
Chloroform	0.125	0.124	0.120	99.2	96.0	72.0-123			3.28	20
Chloromethane	0.125	0.111	0.107	88.8	85.6	51.0-138			3.67	20
2-Chlorotoluene	0.125	0.123	0.128	98.4	102	75.0-124			3.98	20
4-Chlorotoluene	0.125	0.115	0.125	92.0	100	75.0-124			8.33	20
Cyclohexane	0.125	0.105	0.103	84.0	82.4	70.0-130			1.92	20
1,2-Dibromo-3-Chloropropane	0.125	0.114	0.119	91.2	95.2	59.0-130			4.29	20
1,2-Dibromoethane	0.125	0.127	0.128	102	102	74.0-128			0.784	20
Dibromomethane	0.125	0.131	0.130	105	104	75.0-122			0.766	20
1,2-Dichlorobenzene	0.125	0.120	0.122	96.0	97.6	76.0-124			1.65	20
1,3-Dichlorobenzene	0.125	0.121	0.125	96.8	100	76.0-125			3.25	20
1,4-Dichlorobenzene	0.125	0.121	0.121	96.8	96.8	77.0-121			0.000	20
Dichlorodifluoromethane	0.125	0.127	0.124	102	99.2	43.0-156			2.39	20
1,1-Dichloroethane	0.125	0.125	0.125	100	100	70.0-127			0.000	20
1,2-Dichloroethane	0.125	0.128	0.125	102	100	65.0-131			2.37	20
1,1-Dichloroethene	0.125	0.130	0.132	104	106	65.0-131			1.53	20
cis-1,2-Dichloroethene	0.125	0.121	0.116	96.8	92.8	73.0-125			4.22	20
trans-1,2-Dichloroethene	0.125	0.114	0.112	91.2	89.6	71.0-125			1.77	20
1,2-Dichloropropane	0.125	0.126	0.128	101	102	74.0-125			1.57	20
1,1-Dichloropropene	0.125	0.136	0.136	109	109	73.0-125			0.000	20
1,3-Dichloropropane	0.125	0.127	0.131	102	105	80.0-125			3.10	20
cis-1,3-Dichloropropene	0.125	0.133	0.137	106	110	76.0-127			2.96	20
trans-1,3-Dichloropropene	0.125	0.130	0.130	104	104	73.0-127			0.000	20
2,2-Dichloropropane	0.125	0.133	0.139	106	111	59.0-135			4.41	20
Dicyclopentadiene	0.125	0.124	0.127	99.2	102	71.0-132			2.39	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046617-1 03/16/24 09:56 • (LCSD) R4046617-2 03/16/24 10:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.132	0.129	106	103	60.0-136			2.30	20
Ethylbenzene	0.125	0.114	0.118	91.2	94.4	74.0-126			3.45	20
4-Ethyltoluene	0.125	0.126	0.129	101	103	71.0-129			2.35	20
Hexachloro-1,3-butadiene	0.125	0.123	0.140	98.4	112	57.0-150			12.9	20
n-Hexane	0.125	0.113	0.106	90.4	84.8	55.0-137			6.39	20
Isopropylbenzene	0.125	0.127	0.128	102	102	72.0-127			0.784	20
p-Isopropyltoluene	0.125	0.123	0.128	98.4	102	72.0-133			3.98	20
2-Butanone (MEK)	0.625	0.690	0.534	110	85.4	30.0-160		R7	25.5	24
Methylene Chloride	0.125	0.115	0.118	92.0	94.4	68.0-123			2.58	20
4-Methyl-2-pentanone (MIBK)	0.625	0.666	0.654	107	105	56.0-143			1.82	20
Methyl tert-butyl ether	0.125	0.129	0.130	103	104	66.0-132			0.772	20
Methyl Cyclohexane	0.125	0.116	0.120	92.8	96.0	67.0-129			3.39	20
Naphthalene	0.125	0.112	0.130	89.6	104	59.0-130			14.9	20
Propene	0.125	0.0965	0.104	77.2	83.2	30.0-160			7.48	20
n-Propylbenzene	0.125	0.123	0.123	98.4	98.4	74.0-126			0.000	20
Styrene	0.125	0.120	0.121	96.0	96.8	72.0-127			0.830	20
1,1,1,2-Tetrachloroethane	0.125	0.120	0.121	96.0	96.8	74.0-129			0.830	20
1,1,2,2-Tetrachloroethane	0.125	0.117	0.123	93.6	98.4	68.0-128			5.00	20
1,1,2-Trichlorotrifluoroethane	0.125	0.110	0.112	88.0	89.6	61.0-139			1.80	20
Tetrachloroethene	0.125	0.130	0.126	104	101	70.0-136			3.12	20
Toluene	0.125	0.113	0.116	90.4	92.8	75.0-121			2.62	20
1,2,3-Trichlorobenzene	0.125	0.137	0.157	110	126	59.0-139			13.6	20
1,2,4-Trichlorobenzene	0.125	0.126	0.145	101	116	62.0-137			14.0	20
1,1,1-Trichloroethane	0.125	0.138	0.143	110	114	69.0-126			3.56	20
1,1,2-Trichloroethane	0.125	0.130	0.128	104	102	78.0-123			1.55	20
Trichloroethene	0.125	0.133	0.127	106	102	76.0-126			4.62	20
Trichlorofluoromethane	0.125	0.125	0.118	100	94.4	61.0-142			5.76	20
1,2,3-Trichloropropane	0.125	0.121	0.129	96.8	103	67.0-129			6.40	20
1,2,4-Trimethylbenzene	0.125	0.121	0.125	96.8	100	70.0-126			3.25	20
1,2,3-Trimethylbenzene	0.125	0.118	0.116	94.4	92.8	74.0-124			1.71	20
1,3,5-Trimethylbenzene	0.125	0.119	0.122	95.2	97.6	73.0-127			2.49	20
Vinyl chloride	0.125	0.128	0.126	102	101	63.0-134			1.57	20
Xylenes, Total	0.375	0.361	0.369	96.3	98.4	72.0-127			2.19	20
(S) Toluene-d8				*97.7*	*98.5*	*75.0-131*				
(S) 4-Bromofluorobenzene				*105*	*102*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*105*	*101*	*70.0-130*				

Method Blank (MB)

(MB) R4046052-3 03/14/24 20:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4046052-3 03/14/24 20:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*84.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046052-1 03/14/24 19:56 • (LCSD) R4046052-2 03/14/24 20:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	34.1	35.3	136	141	19.0-160			3.46	27
Acrolein	25.0	33.0	34.9	132	140	30.0-160			5.60	26
Acrylonitrile	25.0	33.5	34.6	134	138	55.0-149			3.23	20
Benzene	5.00	5.47	5.67	109	113	70.0-123			3.59	20
Bromobenzene	5.00	5.56	5.10	111	102	73.0-121			8.63	20
Bromodichloromethane	5.00	5.38	5.30	108	106	75.0-120			1.50	20
Bromoform	5.00	5.31	5.46	106	109	68.0-132			2.79	20
Bromomethane	5.00	3.54	3.62	70.8	72.4	30.0-160			2.23	25
1,3-Butadiene	5.00	6.12	6.07	122	121	45.0-147			0.820	20
n-Butylbenzene	5.00	4.33	4.26	86.6	85.2	73.0-125			1.63	20
sec-Butylbenzene	5.00	4.56	4.50	91.2	90.0	75.0-125			1.32	20
tert-Butylbenzene	5.00	4.99	4.77	99.8	95.4	76.0-124			4.51	20
Carbon tetrachloride	5.00	5.57	5.74	111	115	68.0-126			3.01	20
Carbon disulfide	5.00	5.50	5.63	110	113	61.0-128			2.34	20
Chlorobenzene	5.00	5.46	5.32	109	106	80.0-121			2.60	20
Chlorodibromomethane	5.00	5.19	5.29	104	106	77.0-125			1.91	20
Chloroethane	5.00	7.64	6.76	153	135	47.0-150	L1		12.2	20
Chloroform	5.00	5.34	5.46	107	109	73.0-120			2.22	20
Chloromethane	5.00	4.63	5.09	92.6	102	41.0-142			9.47	20
Cyclohexane	5.00	4.69	4.82	93.8	96.4	71.0-124			2.73	20
2-Chlorotoluene	5.00	5.30	5.42	106	108	76.0-123			2.24	20
4-Chlorotoluene	5.00	5.25	5.19	105	104	75.0-122			1.15	20
1,2-Dibromo-3-Chloropropane	5.00	4.59	4.66	91.8	93.2	58.0-134			1.51	20
1,2-Dibromoethane	5.00	4.87	5.31	97.4	106	80.0-122			8.64	20
Dibromomethane	5.00	5.43	5.63	109	113	80.0-120			3.62	20
1,2-Dichlorobenzene	5.00	5.17	5.22	103	104	79.0-121			0.962	20
1,3-Dichlorobenzene	5.00	5.24	5.15	105	103	79.0-120			1.73	20
1,4-Dichlorobenzene	5.00	5.53	5.27	111	105	79.0-120			4.81	20
Dichlorodifluoromethane	5.00	4.26	4.07	85.2	81.4	51.0-149			4.56	20
1,1-Dichloroethane	5.00	5.73	5.74	115	115	70.0-126			0.174	20
1,2-Dichloroethane	5.00	5.50	6.06	110	121	70.0-128			9.69	20
1,1-Dichloroethene	5.00	5.00	4.91	100	98.2	71.0-124			1.82	20
cis-1,2-Dichloroethene	5.00	5.32	5.34	106	107	73.0-120			0.375	20
trans-1,2-Dichloroethene	5.00	5.36	5.63	107	113	73.0-120			4.91	20
1,2-Dichloropropane	5.00	5.85	6.05	117	121	77.0-125			3.36	20
1,1-Dichloropropene	5.00	5.78	5.57	116	111	74.0-126			3.70	20
1,3-Dichloropropane	5.00	5.32	5.14	106	103	80.0-120			3.44	20
cis-1,3-Dichloropropene	5.00	4.80	5.21	96.0	104	80.0-123			8.19	20
trans-1,3-Dichloropropene	5.00	5.10	5.31	102	106	78.0-124			4.03	20
2,2-Dichloropropane	5.00	5.78	5.58	116	112	58.0-130			3.52	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046052-1 03/14/24 19:56 • (LCSD) R4046052-2 03/14/24 20:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.45	5.48	109	110	74.0-126			0.549	20
Di-isopropyl ether	5.00	5.92	6.25	118	125	58.0-138			5.42	20
Ethylbenzene	5.00	5.11	5.08	102	102	79.0-123			0.589	20
4-Ethyltoluene	5.00	5.21	5.04	104	101	74.0-127			3.32	20
Hexachloro-1,3-butadiene	5.00	4.99	4.79	99.8	95.8	54.0-138			4.09	20
n-Hexane	5.00	6.37	6.78	127	136	57.0-133		L1	6.24	20
Isopropylbenzene	5.00	5.16	5.22	103	104	76.0-127			1.16	20
p-Isopropyltoluene	5.00	4.51	4.44	90.2	88.8	76.0-125			1.56	20
2-Butanone (MEK)	25.0	34.3	34.4	137	138	44.0-160			0.291	20
Methyl Cyclohexane	5.00	4.54	4.26	90.8	85.2	68.0-126			6.36	20
Methylene Chloride	5.00	5.29	5.19	106	104	67.0-120			1.91	20
4-Methyl-2-pentanone (MIBK)	25.0	31.1	32.4	124	130	68.0-142			4.09	20
Methyl tert-butyl ether	5.00	4.99	5.08	99.8	102	68.0-125			1.79	20
Naphthalene	5.00	3.48	3.72	69.6	74.4	54.0-135			6.67	20
Propene	5.00	4.84	5.32	96.8	106	30.0-160			9.45	20
n-Propylbenzene	5.00	5.12	4.90	102	98.0	77.0-124			4.39	20
Styrene	5.00	5.14	5.20	103	104	73.0-130			1.16	20
1,1,1,2-Tetrachloroethane	5.00	5.44	5.49	109	110	75.0-125			0.915	20
1,1,2,2-Tetrachloroethane	5.00	5.51	5.26	110	105	65.0-130			4.64	20
1,1,2-Trichlorotrifluoroethane	5.00	5.40	5.08	108	102	69.0-132			6.11	20
Tetrachloroethene	5.00	5.51	5.59	110	112	72.0-132			1.44	20
Toluene	5.00	5.25	5.27	105	105	79.0-120			0.380	20
1,2,3-Trichlorobenzene	5.00	4.55	4.58	91.0	91.6	50.0-138			0.657	20
1,2,4-Trichlorobenzene	5.00	4.62	4.54	92.4	90.8	57.0-137			1.75	20
1,1,1-Trichloroethane	5.00	5.63	5.46	113	109	73.0-124			3.07	20
1,1,2-Trichloroethane	5.00	5.37	5.68	107	114	80.0-120			5.61	20
Trichloroethene	5.00	5.43	5.49	109	110	78.0-124			1.10	20
Trichlorofluoromethane	5.00	5.56	5.46	111	109	59.0-147			1.81	20
1,2,3-Trichloropropane	5.00	5.27	5.30	105	106	73.0-130			0.568	20
1,2,4-Trimethylbenzene	5.00	5.12	4.93	102	98.6	76.0-121			3.78	20
1,2,3-Trimethylbenzene	5.00	5.02	5.08	100	102	77.0-120			1.19	20
1,3,5-Trimethylbenzene	5.00	5.14	4.98	103	99.6	76.0-122			3.16	20
Vinyl chloride	5.00	5.49	5.70	110	114	67.0-131			3.75	20
Xylenes, Total	15.0	15.0	15.7	100	105	79.0-123			4.56	20
(S) Toluene-d8				*96.3*	*94.4*	*80.0-120*				
(S) 4-Bromofluorobenzene				*90.7*	*88.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*99.5*	*105*	*70.0-130*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS37 • File ID: 0314_02

03/14/24 08:48

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0314_02	714047	304692.80	323753.80
Upper Limit		1428094	609386	647508
Lower Limit		357024	152346	161877
LCS R4046025-1 WG2246636 1x	0314_02LCS	714047	304692.80	323753.80
LCSD R4046025-2 WG2246636 1x	0314_03	734650	312546.90	321817.20
BLANK R4046025-3 WG2246636 1x	0314_07	724164.90	305592.60	276721.80
L1713849-01 WG2246636 1x	0314_10	848048.70	323458.20	325167
L1713849-02 WG2246636 1x	0314_11	799947.40	300251.70	328498.20
L1713849-03 WG2246636 1x	0314_12	749180.10	306077.80	303981.70
L1713849-04 WG2246636 1x	0314_13	766464	343038.40	327224.80
L1713849-05 WG2246636 1x	0314_14	787123.70	294082.50	312289.60
L1713849-06 WG2246636 1x	0314_15	793115.90	343156.80	332637.10
L1713849-07 WG2246636 1x	0314_16	814391.40	311208.20	309212.20
L1713849-08 WG2246636 1x	0314_17	811741	330055.90	319924.60
L1713849-09 WG2246636 1x	0314_18	825555.50	324912.40	335212.10
L1713849-10 WG2246636 1x	0314_19	824823.50	319931.80	321233.90
L1713849-11 WG2246636 1x	0314_20	829150.40	352242.40	337286.70

Instrument: VOCMS56 • File ID: 0316_02

03/16/24 09:56

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0316_02	1193106	548255.20	420765.60
Upper Limit		2386212	1096510	841531
Lower Limit		596553	274128	210383
LCS R4046617-1 WG2248022 1x	0316_02LCS	1193106	548255.20	420765.60
LCSD R4046617-2 WG2248022 1x	0316_03	1208541	548780.90	410345.20
BLANK R4046617-3 WG2248022 1x	0316_07	1205513	510624.60	396256
L1713849-32 WG2248022 1x	0316_18	1300800	566939.10	446437.50
L1713849-33 WG2248022 1x	0316_19	1309264	560181.60	425230.20
L1713849-34 WG2248022 1x	0316_20	1295370	561545.40	446155.20
L1713849-35 WG2248022 1x	0316_21	1305742	579910.30	472071.50

INTERNAL STANDARD SUMMARY

Instrument: VOCMS59 • File ID: 0315_23

03/15/24 18:25

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0315_23	553701.90	251148.10	267637.70
Upper Limit		1107404	502296	535275
Lower Limit		276851	125574	133819
LCS R4046984-1 WG2247575 1x	0315_23LCS	553701.90	251148.10	267637.70
LCSD R4046984-2 WG2247575 1x	0315_24	538797.10	251598.80	259157.90
BLANK R4046984-3 WG2247575 1x	0315_28	575006.10	251850.50	237508.20
L1713849-12 WG2247575 1x	0315_29	576639.10	247707	249444
L1713849-13 WG2247575 1x	0315_30	567494.40	247037.60	241780
L1713849-14 WG2247575 1x	0315_31	604427.20	273798.40	252452.60
L1713849-15 WG2247575 1x	0315_32	579754.60	246880.50	254853.30
L1713849-16 WG2247575 1x	0315_33	567547.70	249808.40	240901.60
L1713849-17 WG2247575 1x	0315_34	587713.80	253561.60	241643.20
L1713849-18 WG2247575 1x	0315_35	586105.70	252711.90	241614.70
L1713849-19 WG2247575 1x	0315_36	605141.20	263966.70	242844.90
L1713849-20 WG2247575 1x	0315_37	596524	260369.30	263968.50
L1713849-21 WG2247575 1x	0315_38	613429	261535.70	271980.30
L1713849-22 WG2247575 1x	0315_39	609908.20	264355.90	255416.90
L1713849-23 WG2247575 1x	0315_40	627514.70	271342.30	270861.50
L1713849-24 WG2247575 1x	0315_41	629601.30	273925.70	271615.40
L1713849-25 WG2247575 1x	0315_42	600269.40	270509.20	271312.80
L1713849-26 WG2247575 1x	0315_43	600471.60	258981.90	254489.60
L1713849-27 WG2247575 1x	0315_44	599158.80	264865.40	267744.20
L1713849-28 WG2247575 1.1x	0315_45	609542.20	261431.70	261774.90
L1713849-29 WG2247575 1.01x	0315_46	631650.30	260686.90	262315.30
L1713849-30 WG2247575 1x	0315_47	607192.80	260619.10	260444.80
L1713849-31 WG2247575 1.01x	0315_48	613904.10	267882.20	259667.10

INTERNAL STANDARD SUMMARY

Instrument: VOCMS20 • File ID: 0314_16

03/14/24 19:56

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0314_16	135570	62522	54036
Upper Limit		271140	125044	108072
Lower Limit		67785	31261	27018
LCS R4046052-1 WG2247110 1x	0314_16LCS	135570	62522	54036
LCSD R4046052-2 WG2247110 1x	0314_17	138573	64203	57725
BLANK R4046052-3 WG2247110 1x	0314_19	117706	52490	42267
L1713849-36 WG2247110 1x	0314_21	121030	52369	43723

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: **Chino Valley, AZ**

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # **Circle K Store 2705326**

P.O. # 2705326 SC

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 4

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 171384

B221

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM	Remarks	Sample # (lab only)
SB-5-5	G	SS	5	3/4/24	1342	2	X			-01
SB-5-10	G	SS	10	3/4/24	1400	2	X			-02
SB-5-15	G	SS	15	3/4/24	1413	2	X			-03
SB-5-20	G	SS	20	3/4/24	1433	2	X			-04
SB-5-25	G	SS	25	3/4/24	1450	2	X			-05
SB-5-30	G	SS	30	3/4/24	1501	2	X			-06
SB-5-35	G	SS	35	3/4/24	1518	2	X			-07
SB-5-40	G	SS	40	3/4/24	1532	2	X			-08
SB-5-45	G	SS	45	3/4/24	1551	2	X			-09
SB-5-50	G	SS	50	3/5/24	0748	2	X			-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
Hold PAH

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Parker Schroeder	3/8/24	1535		1
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
	3/8/24	1800	SWA	7 0
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time: Hold: Condition:
			Charles Stevenson	3-9-24 0:00 NCF / OK

If preservation required by Login: Date/Time

PNPAZ

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Suite 116
Tempe, AZ 85284

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Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: **Chino Valley, AZ**

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # **Circle K Store 2705326**

P.O. # 2705326 SC

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM	Remarks	Sample # (lab only)
SB-5-55	G	SS	55	3/5/24	0807	2	X			-11
SB-5-60	G	SS	60	3/5/24	0825	2	X			-12
SB-5-65	G	SS	65	3/5/24	0846	2	X			-13
SB-5-70	G	SS	70	3/5/24	0914	2	X			-14
SB-5-75	G	SS	75	3/5/24	0934	2	X			-15
SB-5-80	G	SS	80	3/5/24	1112	2	X			-16
SB-5-85	G	SS	85	3/5/24	1131	2	X			-17
SB-5-90	G	SS	90	3/5/24	1159	2	X			-18
SB-5-95	G	SS	95	3/5/24	1238	2	X			-19
SB-5-100	G	SS	100	3/5/24	1253	2	X			-20

Chain of Custody Page 2 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 1713849

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
Hold PAH

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ~~X~~Y __N
COC Signed/Accurate: ~~X~~Y __N
Bottles arrive intact: ~~X~~Y __N
Correct bottles used: ~~X~~Y __N
Sufficient volume sent: ~~X~~Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	3/8/24	1535		1
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
	3/8/24	1800	SMA	70
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Charles Stevenson	3-9-24 9:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PNDAZ

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
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Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: **Chino Valley, AZ**

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # **Circle K Store 2705326**

P.O. # 2705326 SC

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM	Remarks	Sample # (lab only)
SB-5-105	G	SS	105	3/5/24	1324	2	X			-21
SB-5-110	G	SS	110	3/5/24	1403	2	X			-22
SB-5-115	G	SS	115	3/5/24	1441	2	X			-23
SB-5-120	G	SS	120	3/5/24	1530	2	X			-24
SB-5-125	G	SS	125	3/5/24	1604	2	X			-25
SB-5-130	G	SS	130	3/6/24	0830	2	X			-26
SB-5-135	G	SS	135	3/6/24	0918	2	X			-27
SB-5-140	G	SS	140	3/6/24	1014	2	X			-28
SB-5-145	G	SS	145	3/6/24	1330	2	X			-29
SB-5-150	G	SS	150	3/6/24	1429	2	X			-30

Analysis / Container / Preservative

Chain of Custody Page 3 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 171349

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
Hold PAH

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	3/8/24	1535			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 7	
	3/8/24	1800	SWA		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3-9-24 Time: 8:00	Hold: Condition: NCF / OK
			Charles Stevenson		

PNPA7

EnCore Consulting, LLC.
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Tempe, AZ 85284

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Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: **Chino Valley, AZ**

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # **Circle K Store 2705326**

P.O. # 2705326 SC

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM	Remarks	Sample # (lab only)
SB-5-155	G	SS	155	3/6/24	1559	2	X			-31
SB-5-160	G	SS	160	3/7/24	0928	2	X			-32
SB-5-165	G	SS	165	3/7/24	1118	2	X			-33
SB-5-170	G	SS	170	3/7/24	1323	2	X			-34
SB-5-175	G	SS	175	3/7/24	1443	2	X			-35
Trip Blank	~~GF~~	OT	—	—	—	1	X			-36

Analysis / Container / Preservative

Chain of Custody Page 4 of 4

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 171384

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Hold PAH

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	3/8/24	1535		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received: 70
	3/8/24	1800			
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
			Charles Stevenson	3-9-24	8:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

RNPA?

L1713849

Tracking Numbers	Temperature
	0.7+0=0.7 TLA9
	0.9+0=0.9 TLA9

Name

Date

ANALYTICAL REPORT

March 18, 2024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

EnCore Consulting, LLC.

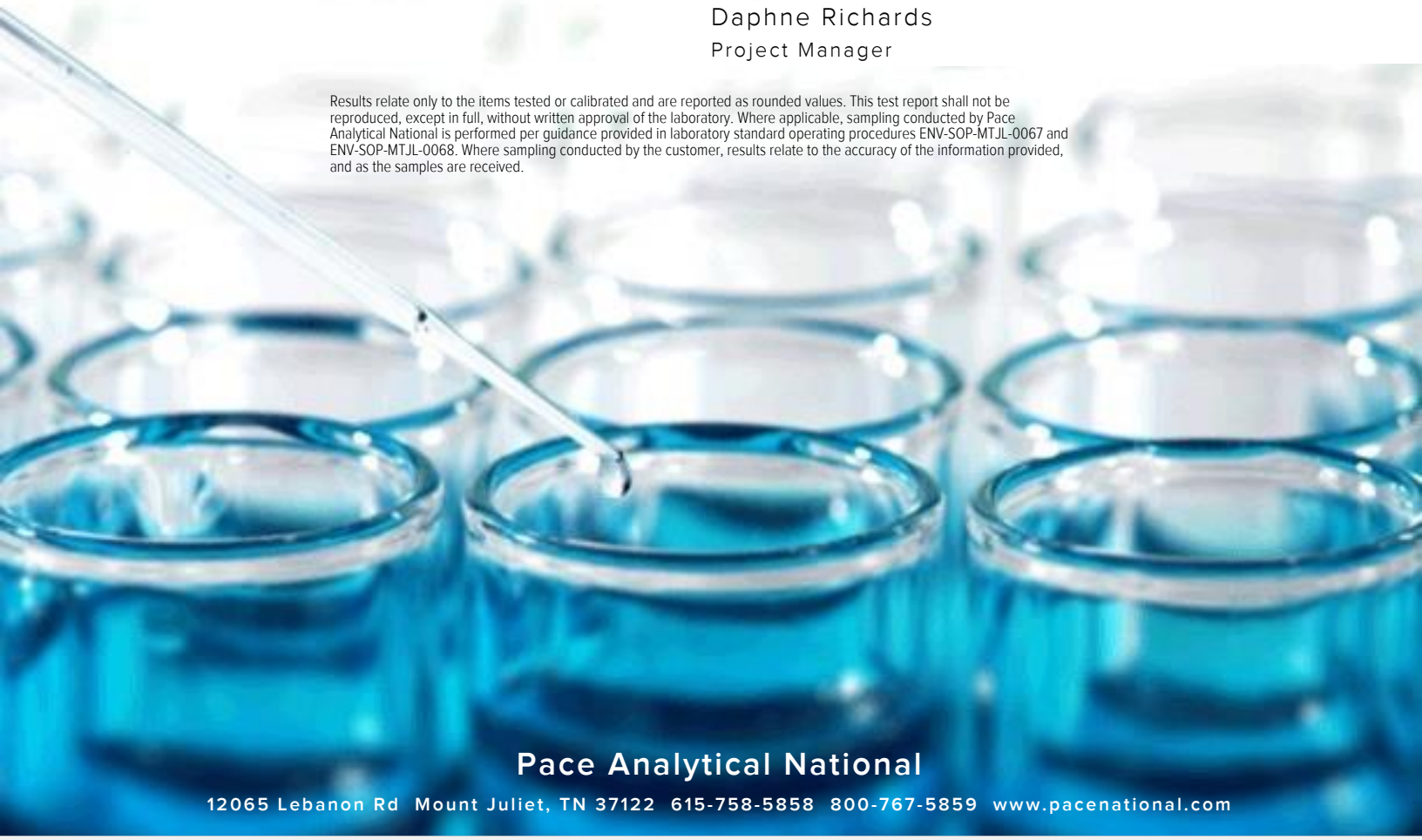
Sample Delivery Group:	L1713632
Samples Received:	03/09/2024
Project Number:	CK 2705326
Description:	Circle K Store No. 2705326
Site:	CK 2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-6-5 L1713632-01 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 08:47 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2245882	1	03/08/24 08:47	03/13/24 18:08	JAH	Mt. Juliet, TN

SB-6-10 L1713632-02 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 09:17 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2245882	1	03/08/24 09:17	03/13/24 18:28	JAH	Mt. Juliet, TN

SB-6-15 L1713632-03 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 09:30 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2245882	1	03/08/24 09:30	03/13/24 18:47	JAH	Mt. Juliet, TN

SB-6-20 L1713632-04 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 09:37 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2245882	1	03/08/24 09:37	03/13/24 19:07	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246848	4	03/08/24 09:37	03/14/24 20:44	ACG	Mt. Juliet, TN

SB-6-25 L1713632-05 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 09:48 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	1	03/08/24 09:48	03/14/24 11:28	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247728	10	03/08/24 09:48	03/15/24 21:40	ACG	Mt. Juliet, TN

SB-6-30 L1713632-06 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 10:50 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	20	03/08/24 10:50	03/14/24 15:28	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247535	400	03/08/24 10:50	03/15/24 23:34	ACG	Mt. Juliet, TN

SB-6-35 L1713632-07 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 11:02 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	20	03/08/24 11:02	03/14/24 15:48	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247535	200	03/08/24 11:02	03/15/24 23:52	ACG	Mt. Juliet, TN

SB-6-40 L1713632-08 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 11:16 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	40	03/08/24 11:16	03/14/24 16:08	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247535	800	03/08/24 11:16	03/16/24 00:11	ACG	Mt. Juliet, TN

SB-6-45 L1713632-09 Solid

Collected by: Makinna B. | Collected date/time: 03/08/24 11:32 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	40	03/08/24 11:32	03/14/24 16:28	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247535	400	03/08/24 11:32	03/16/24 00:30	ACG	Mt. Juliet, TN

SB-6-50 L1713632-10 Solid

Collected by: Makinna Balasko | Collected date/time: 03/08/24 11:51 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	8	03/08/24 11:51	03/14/24 16:47	DWR	Mt. Juliet, TN

SB-6-55 L1713632-11 Solid

Collected by: Makinna Balasko | Collected date/time: 03/08/24 12:07 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	40	03/08/24 12:07	03/14/24 17:07	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247535	1000	03/08/24 12:07	03/16/24 00:49	ACG	Mt. Juliet, TN

SB-6-60 L1713632-12 Solid

Collected by: Makinna Balasko | Collected date/time: 03/08/24 12:25 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2246636	40	03/08/24 12:25	03/14/24 17:27	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2247535	200	03/08/24 12:25	03/16/24 01:08	ACG	Mt. Juliet, TN

TRIP BLANK L1713632-13 GW

Collected by: Makinna Balasko | Collected date/time: 03/08/24 00:00 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2245628	1	03/13/24 10:00	03/13/24 10:00	ACG	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1713632-01	SB-6-5	8260B
L1713632-02	SB-6-10	8260B
L1713632-03	SB-6-15	8260B
L1713632-04	SB-6-20	8260B
L1713632-05	SB-6-25	8260B
L1713632-06	SB-6-30	8260B
L1713632-07	SB-6-35	8260B
L1713632-08	SB-6-40	8260B
L1713632-09	SB-6-45	8260B
L1713632-10	SB-6-50	8260B
L1713632-11	SB-6-55	8260B
L1713632-12	SB-6-60	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/13/2024 18:08	WG2245882
Acrylonitrile	U		0.0903	0.313	1	03/13/2024 18:08	WG2245882
Benzene	0.136		0.0117	0.0250	1	03/13/2024 18:08	WG2245882
Bromobenzene	U		0.0225	0.313	1	03/13/2024 18:08	WG2245882
Bromodichloromethane	U		0.0181	0.0625	1	03/13/2024 18:08	WG2245882
Bromoform	U		0.0293	0.625	1	03/13/2024 18:08	WG2245882
Bromomethane	U		0.0493	0.313	1	03/13/2024 18:08	WG2245882
1,3-Butadiene	U		0.128	0.625	1	03/13/2024 18:08	WG2245882
n-Butylbenzene	U		0.131	0.313	1	03/13/2024 18:08	WG2245882
sec-Butylbenzene	U		0.0720	0.313	1	03/13/2024 18:08	WG2245882
tert-Butylbenzene	U		0.0488	0.125	1	03/13/2024 18:08	WG2245882
Carbon disulfide	U		0.0175	0.313	1	03/13/2024 18:08	WG2245882
Carbon tetrachloride	U		0.0225	0.125	1	03/13/2024 18:08	WG2245882
Chlorobenzene	U		0.00525	0.0625	1	03/13/2024 18:08	WG2245882
Chlorodibromomethane	U		0.0153	0.0625	1	03/13/2024 18:08	WG2245882
Chloroethane	U		0.0425	0.125	1	03/13/2024 18:08	WG2245882
Chloroform	U		0.0258	0.0625	1	03/13/2024 18:08	WG2245882
Chloromethane	U		0.109	0.313	1	03/13/2024 18:08	WG2245882
2-Chlorotoluene	U		0.0216	0.0625	1	03/13/2024 18:08	WG2245882
4-Chlorotoluene	U		0.0113	0.125	1	03/13/2024 18:08	WG2245882
Cyclohexane	U		0.0278	0.0625	1	03/13/2024 18:08	WG2245882
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/13/2024 18:08	WG2245882
1,2-Dibromoethane	U		0.0162	0.0625	1	03/13/2024 18:08	WG2245882
Dibromomethane	U		0.0188	0.125	1	03/13/2024 18:08	WG2245882
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/13/2024 18:08	WG2245882
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/13/2024 18:08	WG2245882
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/13/2024 18:08	WG2245882
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/13/2024 18:08	WG2245882
1,1-Dichloroethane	U		0.0123	0.0625	1	03/13/2024 18:08	WG2245882
1,2-Dichloroethane	U		0.0162	0.0625	1	03/13/2024 18:08	WG2245882
1,1-Dichloroethene	U		0.0152	0.0625	1	03/13/2024 18:08	WG2245882
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/13/2024 18:08	WG2245882
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/13/2024 18:08	WG2245882
1,2-Dichloropropane	U		0.0355	0.125	1	03/13/2024 18:08	WG2245882
1,1-Dichloropropene	U		0.0202	0.0625	1	03/13/2024 18:08	WG2245882
1,3-Dichloropropane	U		0.0125	0.125	1	03/13/2024 18:08	WG2245882
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/13/2024 18:08	WG2245882
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/13/2024 18:08	WG2245882
2,2-Dichloropropane	U		0.0345	0.0625	1	03/13/2024 18:08	WG2245882
Dicyclopentadiene	U		0.0413	0.313	1	03/13/2024 18:08	WG2245882
Di-isopropyl ether	U		0.0103	0.0250	1	03/13/2024 18:08	WG2245882
Ethylbenzene	U		0.0184	0.0625	1	03/13/2024 18:08	WG2245882
4-Ethyltoluene	U		0.0580	0.125	1	03/13/2024 18:08	WG2245882
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/13/2024 18:08	WG2245882
n-Hexane	U		0.0565	0.125	1	03/13/2024 18:08	WG2245882
Isopropylbenzene	U		0.0106	0.0625	1	03/13/2024 18:08	WG2245882
p-Isopropyltoluene	U		0.0638	0.125	1	03/13/2024 18:08	WG2245882
2-Butanone (MEK)	U		1.59	2.50	1	03/13/2024 18:08	WG2245882
Methylene Chloride	U		0.166	0.625	1	03/13/2024 18:08	WG2245882
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/13/2024 18:08	WG2245882
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/13/2024 18:08	WG2245882
Methyl Cyclohexane	U		0.0515	0.125	1	03/13/2024 18:08	WG2245882
Naphthalene	U		0.122	0.313	1	03/13/2024 18:08	WG2245882
Propene	U		0.153	1.25	1	03/13/2024 18:08	WG2245882
n-Propylbenzene	U		0.0238	0.125	1	03/13/2024 18:08	WG2245882
Styrene	U		0.00573	0.313	1	03/13/2024 18:08	WG2245882

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/13/2024 18:08	WG2245882
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/13/2024 18:08	WG2245882
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/13/2024 18:08	WG2245882
Tetrachloroethene	U		0.0224	0.0625	1	03/13/2024 18:08	WG2245882
Toluene	0.0390	E4	0.0325	0.125	1	03/13/2024 18:08	WG2245882
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/13/2024 18:08	WG2245882
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/13/2024 18:08	WG2245882
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/13/2024 18:08	WG2245882
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/13/2024 18:08	WG2245882
Trichloroethene	U		0.0146	0.0250	1	03/13/2024 18:08	WG2245882
Trichlorofluoromethane	U		0.0207	0.0625	1	03/13/2024 18:08	WG2245882
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/13/2024 18:08	WG2245882
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/13/2024 18:08	WG2245882
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/13/2024 18:08	WG2245882
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/13/2024 18:08	WG2245882
Vinyl chloride	U		0.0290	0.0625	1	03/13/2024 18:08	WG2245882
Xylenes, Total	0.0256	E4	0.0220	0.163	1	03/13/2024 18:08	WG2245882
(S) Toluene-d8	*100*			*75.0-131*		*03/13/2024 18:08*	WG2245882
(S) 4-Bromofluorobenzene	*89.5*			*67.0-138*		*03/13/2024 18:08*	WG2245882
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*03/13/2024 18:08*	WG2245882

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/13/2024 18:28	WG2245882
Acrylonitrile	U		0.0903	0.313	1	03/13/2024 18:28	WG2245882
Benzene	U		0.0117	0.0250	1	03/13/2024 18:28	WG2245882
Bromobenzene	U		0.0225	0.313	1	03/13/2024 18:28	WG2245882
Bromodichloromethane	U		0.0181	0.0625	1	03/13/2024 18:28	WG2245882
Bromoform	U		0.0293	0.625	1	03/13/2024 18:28	WG2245882
Bromomethane	U		0.0493	0.313	1	03/13/2024 18:28	WG2245882
1,3-Butadiene	U		0.128	0.625	1	03/13/2024 18:28	WG2245882
n-Butylbenzene	U		0.131	0.313	1	03/13/2024 18:28	WG2245882
sec-Butylbenzene	U		0.0720	0.313	1	03/13/2024 18:28	WG2245882
tert-Butylbenzene	U		0.0488	0.125	1	03/13/2024 18:28	WG2245882
Carbon disulfide	U		0.0175	0.313	1	03/13/2024 18:28	WG2245882
Carbon tetrachloride	U		0.0225	0.125	1	03/13/2024 18:28	WG2245882
Chlorobenzene	U		0.00525	0.0625	1	03/13/2024 18:28	WG2245882
Chlorodibromomethane	U		0.0153	0.0625	1	03/13/2024 18:28	WG2245882
Chloroethane	U		0.0425	0.125	1	03/13/2024 18:28	WG2245882
Chloroform	U		0.0258	0.0625	1	03/13/2024 18:28	WG2245882
Chloromethane	U		0.109	0.313	1	03/13/2024 18:28	WG2245882
2-Chlorotoluene	U		0.0216	0.0625	1	03/13/2024 18:28	WG2245882
4-Chlorotoluene	U		0.0113	0.125	1	03/13/2024 18:28	WG2245882
Cyclohexane	U		0.0278	0.0625	1	03/13/2024 18:28	WG2245882
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/13/2024 18:28	WG2245882
1,2-Dibromoethane	U		0.0162	0.0625	1	03/13/2024 18:28	WG2245882
Dibromomethane	U		0.0188	0.125	1	03/13/2024 18:28	WG2245882
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/13/2024 18:28	WG2245882
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/13/2024 18:28	WG2245882
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/13/2024 18:28	WG2245882
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/13/2024 18:28	WG2245882
1,1-Dichloroethane	U		0.0123	0.0625	1	03/13/2024 18:28	WG2245882
1,2-Dichloroethane	U		0.0162	0.0625	1	03/13/2024 18:28	WG2245882
1,1-Dichloroethene	U		0.0152	0.0625	1	03/13/2024 18:28	WG2245882
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/13/2024 18:28	WG2245882
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/13/2024 18:28	WG2245882
1,2-Dichloropropane	U		0.0355	0.125	1	03/13/2024 18:28	WG2245882
1,1-Dichloropropene	U		0.0202	0.0625	1	03/13/2024 18:28	WG2245882
1,3-Dichloropropane	U		0.0125	0.125	1	03/13/2024 18:28	WG2245882
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/13/2024 18:28	WG2245882
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/13/2024 18:28	WG2245882
2,2-Dichloropropane	U		0.0345	0.0625	1	03/13/2024 18:28	WG2245882
Dicyclopentadiene	U		0.0413	0.313	1	03/13/2024 18:28	WG2245882
Di-isopropyl ether	U		0.0103	0.0250	1	03/13/2024 18:28	WG2245882
Ethylbenzene	U		0.0184	0.0625	1	03/13/2024 18:28	WG2245882
4-Ethyltoluene	U		0.0580	0.125	1	03/13/2024 18:28	WG2245882
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/13/2024 18:28	WG2245882
n-Hexane	U		0.0565	0.125	1	03/13/2024 18:28	WG2245882
Isopropylbenzene	U		0.0106	0.0625	1	03/13/2024 18:28	WG2245882
p-Isopropyltoluene	U		0.0638	0.125	1	03/13/2024 18:28	WG2245882
2-Butanone (MEK)	U		1.59	2.50	1	03/13/2024 18:28	WG2245882
Methylene Chloride	U		0.166	0.625	1	03/13/2024 18:28	WG2245882
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/13/2024 18:28	WG2245882
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/13/2024 18:28	WG2245882
Methyl Cyclohexane	U		0.0515	0.125	1	03/13/2024 18:28	WG2245882
Naphthalene	U		0.122	0.313	1	03/13/2024 18:28	WG2245882
Propene	U		0.153	1.25	1	03/13/2024 18:28	WG2245882
n-Propylbenzene	U		0.0238	0.125	1	03/13/2024 18:28	WG2245882
Styrene	U		0.00573	0.313	1	03/13/2024 18:28	WG2245882

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/13/2024 18:28	WG2245882
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/13/2024 18:28	WG2245882
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/13/2024 18:28	WG2245882
Tetrachloroethene	U		0.0224	0.0625	1	03/13/2024 18:28	WG2245882
Toluene	U		0.0325	0.125	1	03/13/2024 18:28	WG2245882
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/13/2024 18:28	WG2245882
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/13/2024 18:28	WG2245882
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/13/2024 18:28	WG2245882
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/13/2024 18:28	WG2245882
Trichloroethene	U		0.0146	0.0250	1	03/13/2024 18:28	WG2245882
Trichlorofluoromethane	U		0.0207	0.0625	1	03/13/2024 18:28	WG2245882
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/13/2024 18:28	WG2245882
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/13/2024 18:28	WG2245882
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/13/2024 18:28	WG2245882
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/13/2024 18:28	WG2245882
Vinyl chloride	U		0.0290	0.0625	1	03/13/2024 18:28	WG2245882
Xylenes, Total	U		0.0220	0.163	1	03/13/2024 18:28	WG2245882
(S) Toluene-d8	*107*			*75.0-131*		*03/13/2024 18:28*	WG2245882
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*03/13/2024 18:28*	WG2245882
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*03/13/2024 18:28*	WG2245882

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/13/2024 18:47	WG2245882
Acrylonitrile	U		0.0903	0.313	1	03/13/2024 18:47	WG2245882
Benzene	0.253		0.0117	0.0250	1	03/13/2024 18:47	WG2245882
Bromobenzene	U		0.0225	0.313	1	03/13/2024 18:47	WG2245882
Bromodichloromethane	U		0.0181	0.0625	1	03/13/2024 18:47	WG2245882
Bromoform	U		0.0293	0.625	1	03/13/2024 18:47	WG2245882
Bromomethane	U		0.0493	0.313	1	03/13/2024 18:47	WG2245882
1,3-Butadiene	U		0.128	0.625	1	03/13/2024 18:47	WG2245882
n-Butylbenzene	U		0.131	0.313	1	03/13/2024 18:47	WG2245882
sec-Butylbenzene	U		0.0720	0.313	1	03/13/2024 18:47	WG2245882
tert-Butylbenzene	U		0.0488	0.125	1	03/13/2024 18:47	WG2245882
Carbon disulfide	U		0.0175	0.313	1	03/13/2024 18:47	WG2245882
Carbon tetrachloride	U		0.0225	0.125	1	03/13/2024 18:47	WG2245882
Chlorobenzene	U		0.00525	0.0625	1	03/13/2024 18:47	WG2245882
Chlorodibromomethane	U		0.0153	0.0625	1	03/13/2024 18:47	WG2245882
Chloroethane	U		0.0425	0.125	1	03/13/2024 18:47	WG2245882
Chloroform	U		0.0258	0.0625	1	03/13/2024 18:47	WG2245882
Chloromethane	U		0.109	0.313	1	03/13/2024 18:47	WG2245882
2-Chlorotoluene	U		0.0216	0.0625	1	03/13/2024 18:47	WG2245882
4-Chlorotoluene	U		0.0113	0.125	1	03/13/2024 18:47	WG2245882
Cyclohexane	0.0481	E4	0.0278	0.0625	1	03/13/2024 18:47	WG2245882
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/13/2024 18:47	WG2245882
1,2-Dibromoethane	U		0.0162	0.0625	1	03/13/2024 18:47	WG2245882
Dibromomethane	U		0.0188	0.125	1	03/13/2024 18:47	WG2245882
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/13/2024 18:47	WG2245882
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/13/2024 18:47	WG2245882
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/13/2024 18:47	WG2245882
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/13/2024 18:47	WG2245882
1,1-Dichloroethane	U		0.0123	0.0625	1	03/13/2024 18:47	WG2245882
1,2-Dichloroethane	U		0.0162	0.0625	1	03/13/2024 18:47	WG2245882
1,1-Dichloroethene	U		0.0152	0.0625	1	03/13/2024 18:47	WG2245882
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/13/2024 18:47	WG2245882
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/13/2024 18:47	WG2245882
1,2-Dichloropropane	U		0.0355	0.125	1	03/13/2024 18:47	WG2245882
1,1-Dichloropropene	U		0.0202	0.0625	1	03/13/2024 18:47	WG2245882
1,3-Dichloropropane	U		0.0125	0.125	1	03/13/2024 18:47	WG2245882
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/13/2024 18:47	WG2245882
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/13/2024 18:47	WG2245882
2,2-Dichloropropane	U		0.0345	0.0625	1	03/13/2024 18:47	WG2245882
Dicyclopentadiene	U		0.0413	0.313	1	03/13/2024 18:47	WG2245882
Di-isopropyl ether	U		0.0103	0.0250	1	03/13/2024 18:47	WG2245882
Ethylbenzene	U		0.0184	0.0625	1	03/13/2024 18:47	WG2245882
4-Ethyltoluene	U		0.0580	0.125	1	03/13/2024 18:47	WG2245882
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/13/2024 18:47	WG2245882
n-Hexane	U		0.0565	0.125	1	03/13/2024 18:47	WG2245882
Isopropylbenzene	U		0.0106	0.0625	1	03/13/2024 18:47	WG2245882
p-Isopropyltoluene	U		0.0638	0.125	1	03/13/2024 18:47	WG2245882
2-Butanone (MEK)	U		1.59	2.50	1	03/13/2024 18:47	WG2245882
Methylene Chloride	U		0.166	0.625	1	03/13/2024 18:47	WG2245882
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/13/2024 18:47	WG2245882
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/13/2024 18:47	WG2245882
Methyl Cyclohexane	U		0.0515	0.125	1	03/13/2024 18:47	WG2245882
Naphthalene	U		0.122	0.313	1	03/13/2024 18:47	WG2245882
Propene	U		0.153	1.25	1	03/13/2024 18:47	WG2245882
n-Propylbenzene	U		0.0238	0.125	1	03/13/2024 18:47	WG2245882
Styrene	U		0.00573	0.313	1	03/13/2024 18:47	WG2245882

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/13/2024 18:47	WG2245882
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/13/2024 18:47	WG2245882
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/13/2024 18:47	WG2245882
Tetrachloroethene	U		0.0224	0.0625	1	03/13/2024 18:47	WG2245882
Toluene	0.273		0.0325	0.125	1	03/13/2024 18:47	WG2245882
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/13/2024 18:47	WG2245882
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/13/2024 18:47	WG2245882
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/13/2024 18:47	WG2245882
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/13/2024 18:47	WG2245882
Trichloroethene	U		0.0146	0.0250	1	03/13/2024 18:47	WG2245882
Trichlorofluoromethane	U		0.0207	0.0625	1	03/13/2024 18:47	WG2245882
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/13/2024 18:47	WG2245882
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/13/2024 18:47	WG2245882
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/13/2024 18:47	WG2245882
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/13/2024 18:47	WG2245882
Vinyl chloride	U		0.0290	0.0625	1	03/13/2024 18:47	WG2245882
Xylenes, Total	0.211		0.0220	0.163	1	03/13/2024 18:47	WG2245882
(S) Toluene-d8	*104*			*75.0-131*		*03/13/2024 18:47*	WG2245882
(S) 4-Bromofluorobenzene	*90.3*			*67.0-138*		*03/13/2024 18:47*	WG2245882
(S) 1,2-Dichloroethane-d4	*88.4*			*70.0-130*		*03/13/2024 18:47*	WG2245882

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	R7	0.913	1.25	1	03/13/2024 19:07	WG2245882
Acrylonitrile	U		0.0903	0.313	1	03/13/2024 19:07	WG2245882
Benzene	0.936		0.0117	0.0250	1	03/13/2024 19:07	WG2245882
Bromobenzene	U		0.0225	0.313	1	03/13/2024 19:07	WG2245882
Bromodichloromethane	U		0.0181	0.0625	1	03/13/2024 19:07	WG2245882
Bromoform	U		0.0293	0.625	1	03/13/2024 19:07	WG2245882
Bromomethane	U		0.0493	0.313	1	03/13/2024 19:07	WG2245882
1,3-Butadiene	U		0.128	0.625	1	03/13/2024 19:07	WG2245882
n-Butylbenzene	U		0.131	0.313	1	03/13/2024 19:07	WG2245882
sec-Butylbenzene	U		0.0720	0.313	1	03/13/2024 19:07	WG2245882
tert-Butylbenzene	U		0.0488	0.125	1	03/13/2024 19:07	WG2245882
Carbon disulfide	U		0.0175	0.313	1	03/13/2024 19:07	WG2245882
Carbon tetrachloride	U		0.0225	0.125	1	03/13/2024 19:07	WG2245882
Chlorobenzene	U		0.00525	0.0625	1	03/13/2024 19:07	WG2245882
Chlorodibromomethane	U		0.0153	0.0625	1	03/13/2024 19:07	WG2245882
Chloroethane	U		0.0425	0.125	1	03/13/2024 19:07	WG2245882
Chloroform	U		0.0258	0.0625	1	03/13/2024 19:07	WG2245882
Chloromethane	U		0.109	0.313	1	03/13/2024 19:07	WG2245882
2-Chlorotoluene	U		0.0216	0.0625	1	03/13/2024 19:07	WG2245882
4-Chlorotoluene	U		0.0113	0.125	1	03/13/2024 19:07	WG2245882
Cyclohexane	0.0693		0.0278	0.0625	1	03/13/2024 19:07	WG2245882
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/13/2024 19:07	WG2245882
1,2-Dibromoethane	U		0.0162	0.0625	1	03/13/2024 19:07	WG2245882
Dibromomethane	U		0.0188	0.125	1	03/13/2024 19:07	WG2245882
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/13/2024 19:07	WG2245882
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/13/2024 19:07	WG2245882
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/13/2024 19:07	WG2245882
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/13/2024 19:07	WG2245882
1,1-Dichloroethane	U		0.0123	0.0625	1	03/13/2024 19:07	WG2245882
1,2-Dichloroethane	U		0.0162	0.0625	1	03/13/2024 19:07	WG2245882
1,1-Dichloroethene	U		0.0152	0.0625	1	03/13/2024 19:07	WG2245882
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/13/2024 19:07	WG2245882
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/13/2024 19:07	WG2245882
1,2-Dichloropropane	U		0.0355	0.125	1	03/13/2024 19:07	WG2245882
1,1-Dichloropropene	U		0.0202	0.0625	1	03/13/2024 19:07	WG2245882
1,3-Dichloropropane	U		0.0125	0.125	1	03/13/2024 19:07	WG2245882
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/13/2024 19:07	WG2245882
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/13/2024 19:07	WG2245882
2,2-Dichloropropane	U		0.0345	0.0625	1	03/13/2024 19:07	WG2245882
Dicyclopentadiene	U		0.0413	0.313	1	03/13/2024 19:07	WG2245882
Di-isopropyl ether	U		0.0103	0.0250	1	03/13/2024 19:07	WG2245882
Ethylbenzene	0.182		0.0184	0.0625	1	03/13/2024 19:07	WG2245882
4-Ethyltoluene	0.128		0.0580	0.125	1	03/13/2024 19:07	WG2245882
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/13/2024 19:07	WG2245882
n-Hexane	U		0.0565	0.125	1	03/13/2024 19:07	WG2245882
Isopropylbenzene	U		0.0106	0.0625	1	03/13/2024 19:07	WG2245882
p-Isopropyltoluene	U		0.0638	0.125	1	03/13/2024 19:07	WG2245882
2-Butanone (MEK)	U		1.59	2.50	1	03/13/2024 19:07	WG2245882
Methylene Chloride	U		0.166	0.625	1	03/13/2024 19:07	WG2245882
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/13/2024 19:07	WG2245882
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/13/2024 19:07	WG2245882
Methyl Cyclohexane	U		0.0515	0.125	1	03/13/2024 19:07	WG2245882
Naphthalene	U		0.122	0.313	1	03/13/2024 19:07	WG2245882
Propene	U		0.153	1.25	1	03/13/2024 19:07	WG2245882
n-Propylbenzene	U		0.0238	0.125	1	03/13/2024 19:07	WG2245882
Styrene	U		0.00573	0.313	1	03/13/2024 19:07	WG2245882

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/13/2024 19:07	WG2245882
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/13/2024 19:07	WG2245882
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/13/2024 19:07	WG2245882
Tetrachloroethene	U		0.0224	0.0625	1	03/13/2024 19:07	WG2245882
Toluene	2.73		0.130	0.500	4	03/14/2024 20:44	WG2246848
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/13/2024 19:07	WG2245882
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/13/2024 19:07	WG2245882
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/13/2024 19:07	WG2245882
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/13/2024 19:07	WG2245882
Trichloroethene	U		0.0146	0.0250	1	03/13/2024 19:07	WG2245882
Trichlorofluoromethane	U		0.0207	0.0625	1	03/13/2024 19:07	WG2245882
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/13/2024 19:07	WG2245882
1,2,4-Trimethylbenzene	0.117	E4	0.0395	0.125	1	03/13/2024 19:07	WG2245882
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/13/2024 19:07	WG2245882
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/13/2024 19:07	WG2245882
Vinyl chloride	U		0.0290	0.0625	1	03/13/2024 19:07	WG2245882
Xylenes, Total	1.07		0.0220	0.163	1	03/13/2024 19:07	WG2245882
(S) Toluene-d8	*103*			*75.0-131*		*03/13/2024 19:07*	WG2245882
(S) Toluene-d8	*94.6*			*75.0-131*		*03/14/2024 20:44*	WG2246848
(S) 4-Bromofluorobenzene	*93.1*			*67.0-138*		*03/13/2024 19:07*	WG2245882
(S) 4-Bromofluorobenzene	*127*			*67.0-138*		*03/14/2024 20:44*	WG2246848
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*03/13/2024 19:07*	WG2245882
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*03/14/2024 20:44*	WG2246848

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/14/2024 11:28	WG2246636
Acrylonitrile	U		0.0903	0.313	1	03/14/2024 11:28	WG2246636
Benzene	1.60		0.0117	0.0250	1	03/14/2024 11:28	WG2246636
Bromobenzene	U	L1	0.0225	0.313	1	03/14/2024 11:28	WG2246636
Bromodichloromethane	U		0.0181	0.0625	1	03/14/2024 11:28	WG2246636
Bromoform	U		0.0293	0.625	1	03/14/2024 11:28	WG2246636
Bromomethane	U		0.0493	0.313	1	03/14/2024 11:28	WG2246636
1,3-Butadiene	U		0.128	0.625	1	03/14/2024 11:28	WG2246636
n-Butylbenzene	U		0.131	0.313	1	03/14/2024 11:28	WG2246636
sec-Butylbenzene	U		0.0720	0.313	1	03/14/2024 11:28	WG2246636
tert-Butylbenzene	U		0.0488	0.125	1	03/14/2024 11:28	WG2246636
Carbon disulfide	U		0.0175	0.313	1	03/14/2024 11:28	WG2246636
Carbon tetrachloride	U		0.0225	0.125	1	03/14/2024 11:28	WG2246636
Chlorobenzene	U		0.00525	0.0625	1	03/14/2024 11:28	WG2246636
Chlorodibromomethane	U		0.0153	0.0625	1	03/14/2024 11:28	WG2246636
Chloroethane	U		0.0425	0.125	1	03/14/2024 11:28	WG2246636
Chloroform	U		0.0258	0.0625	1	03/14/2024 11:28	WG2246636
Chloromethane	U		0.109	0.313	1	03/14/2024 11:28	WG2246636
2-Chlorotoluene	U		0.0216	0.0625	1	03/14/2024 11:28	WG2246636
4-Chlorotoluene	U		0.0113	0.125	1	03/14/2024 11:28	WG2246636
Cyclohexane	0.0953	L2 R7	0.0278	0.0625	1	03/14/2024 11:28	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/14/2024 11:28	WG2246636
1,2-Dibromoethane	U		0.0162	0.0625	1	03/14/2024 11:28	WG2246636
Dibromomethane	U		0.0188	0.125	1	03/14/2024 11:28	WG2246636
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/14/2024 11:28	WG2246636
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/14/2024 11:28	WG2246636
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/14/2024 11:28	WG2246636
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/14/2024 11:28	WG2246636
1,1-Dichloroethane	U		0.0123	0.0625	1	03/14/2024 11:28	WG2246636
1,2-Dichloroethane	U		0.0162	0.0625	1	03/14/2024 11:28	WG2246636
1,1-Dichloroethene	U		0.0152	0.0625	1	03/14/2024 11:28	WG2246636
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/14/2024 11:28	WG2246636
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/14/2024 11:28	WG2246636
1,2-Dichloropropane	U		0.0355	0.125	1	03/14/2024 11:28	WG2246636
1,1-Dichloropropene	U		0.0202	0.0625	1	03/14/2024 11:28	WG2246636
1,3-Dichloropropane	U		0.0125	0.125	1	03/14/2024 11:28	WG2246636
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/14/2024 11:28	WG2246636
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/14/2024 11:28	WG2246636
2,2-Dichloropropane	U		0.0345	0.0625	1	03/14/2024 11:28	WG2246636
Dicyclopentadiene	U		0.0413	0.313	1	03/14/2024 11:28	WG2246636
Di-isopropyl ether	U		0.0103	0.0250	1	03/14/2024 11:28	WG2246636
Ethylbenzene	0.610		0.0184	0.0625	1	03/14/2024 11:28	WG2246636
4-Ethyltoluene	0.399		0.0580	0.125	1	03/14/2024 11:28	WG2246636
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/14/2024 11:28	WG2246636
n-Hexane	0.0613	E4	0.0565	0.125	1	03/14/2024 11:28	WG2246636
Isopropylbenzene	0.0228	E4	0.0106	0.0625	1	03/14/2024 11:28	WG2246636
p-Isopropyltoluene	U		0.0638	0.125	1	03/14/2024 11:28	WG2246636
2-Butanone (MEK)	U		1.59	2.50	1	03/14/2024 11:28	WG2246636
Methylene Chloride	U		0.166	0.625	1	03/14/2024 11:28	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/14/2024 11:28	WG2246636
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/14/2024 11:28	WG2246636
Methyl Cyclohexane	0.0557	E4	0.0515	0.125	1	03/14/2024 11:28	WG2246636
Naphthalene	U		0.122	0.313	1	03/14/2024 11:28	WG2246636
Propene	U	R7	0.153	1.25	1	03/14/2024 11:28	WG2246636
n-Propylbenzene	0.0531	E4	0.0238	0.125	1	03/14/2024 11:28	WG2246636
Styrene	U		0.00573	0.313	1	03/14/2024 11:28	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/14/2024 11:28	WG2246636
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/14/2024 11:28	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/14/2024 11:28	WG2246636
Tetrachloroethene	U		0.0224	0.0625	1	03/14/2024 11:28	WG2246636
Toluene	5.60		0.325	1.25	10	03/15/2024 21:40	WG2247728
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/14/2024 11:28	WG2246636
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/14/2024 11:28	WG2246636
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/14/2024 11:28	WG2246636
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/14/2024 11:28	WG2246636
Trichloroethene	U		0.0146	0.0250	1	03/14/2024 11:28	WG2246636
Trichlorofluoromethane	U		0.0207	0.0625	1	03/14/2024 11:28	WG2246636
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/14/2024 11:28	WG2246636
1,2,4-Trimethylbenzene	0.544		0.0395	0.125	1	03/14/2024 11:28	WG2246636
1,2,3-Trimethylbenzene	0.128		0.0395	0.125	1	03/14/2024 11:28	WG2246636
1,3,5-Trimethylbenzene	0.129		0.0500	0.125	1	03/14/2024 11:28	WG2246636
Vinyl chloride	U		0.0290	0.0625	1	03/14/2024 11:28	WG2246636
Xylenes, Total	3.03		0.0220	0.163	1	03/14/2024 11:28	WG2246636
(S) Toluene-d8	*111*			*75.0-131*		*03/14/2024 11:28*	WG2246636
(S) Toluene-d8	*101*			*75.0-131*		*03/15/2024 21:40*	WG2247728
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*		*03/14/2024 11:28*	WG2246636
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/15/2024 21:40*	WG2247728
(S) 1,2-Dichloroethane-d4	*86.7*			*70.0-130*		*03/14/2024 11:28*	WG2246636
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*03/15/2024 21:40*	WG2247728

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		18.3	25.0	20	03/14/2024 15:28	WG2246636
Acrylonitrile	U		1.81	6.25	20	03/14/2024 15:28	WG2246636
Benzene	35.7		0.234	0.500	20	03/14/2024 15:28	WG2246636
Bromobenzene	U	L1	0.450	6.25	20	03/14/2024 15:28	WG2246636
Bromodichloromethane	U		0.363	1.25	20	03/14/2024 15:28	WG2246636
Bromoform	U		0.585	12.5	20	03/14/2024 15:28	WG2246636
Bromomethane	U		0.985	6.25	20	03/14/2024 15:28	WG2246636
1,3-Butadiene	U		2.57	12.5	20	03/14/2024 15:28	WG2246636
n-Butylbenzene	U		2.63	6.25	20	03/14/2024 15:28	WG2246636
sec-Butylbenzene	2.08	E4	1.44	6.25	20	03/14/2024 15:28	WG2246636
tert-Butylbenzene	U		0.975	2.50	20	03/14/2024 15:28	WG2246636
Carbon disulfide	U		0.350	6.25	20	03/14/2024 15:28	WG2246636
Carbon tetrachloride	U		0.449	2.50	20	03/14/2024 15:28	WG2246636
Chlorobenzene	U		0.105	1.25	20	03/14/2024 15:28	WG2246636
Chlorodibromomethane	U		0.306	1.25	20	03/14/2024 15:28	WG2246636
Chloroethane	U		0.850	2.50	20	03/14/2024 15:28	WG2246636
Chloroform	2.51		0.515	1.25	20	03/14/2024 15:28	WG2246636
Chloromethane	U		2.18	6.25	20	03/14/2024 15:28	WG2246636
2-Chlorotoluene	U		0.433	1.25	20	03/14/2024 15:28	WG2246636
4-Chlorotoluene	U		0.225	2.50	20	03/14/2024 15:28	WG2246636
Cyclohexane	47.2	L2 R7	0.555	1.25	20	03/14/2024 15:28	WG2246636
1,2-Dibromo-3-Chloropropane	U		1.95	12.5	20	03/14/2024 15:28	WG2246636
1,2-Dibromoethane	U		0.324	1.25	20	03/14/2024 15:28	WG2246636
Dibromomethane	U		0.375	2.50	20	03/14/2024 15:28	WG2246636
1,2-Dichlorobenzene	U		0.213	2.50	20	03/14/2024 15:28	WG2246636
1,3-Dichlorobenzene	U		0.300	2.50	20	03/14/2024 15:28	WG2246636
1,4-Dichlorobenzene	U		0.350	2.50	20	03/14/2024 15:28	WG2246636
Dichlorodifluoromethane	U		0.805	1.25	20	03/14/2024 15:28	WG2246636
1,1-Dichloroethane	U		0.246	1.25	20	03/14/2024 15:28	WG2246636
1,2-Dichloroethane	U		0.325	1.25	20	03/14/2024 15:28	WG2246636
1,1-Dichloroethene	U		0.303	1.25	20	03/14/2024 15:28	WG2246636
cis-1,2-Dichloroethene	U		0.367	1.25	20	03/14/2024 15:28	WG2246636
trans-1,2-Dichloroethene	U		0.520	2.50	20	03/14/2024 15:28	WG2246636
1,2-Dichloropropane	U		0.710	2.50	20	03/14/2024 15:28	WG2246636
1,1-Dichloropropene	U		0.405	1.25	20	03/14/2024 15:28	WG2246636
1,3-Dichloropropane	U		0.251	2.50	20	03/14/2024 15:28	WG2246636
cis-1,3-Dichloropropene	U		0.379	1.25	20	03/14/2024 15:28	WG2246636
trans-1,3-Dichloropropene	U		0.570	2.50	20	03/14/2024 15:28	WG2246636
2,2-Dichloropropane	U		0.690	1.25	20	03/14/2024 15:28	WG2246636
Dicyclopentadiene	U		0.825	6.25	20	03/14/2024 15:28	WG2246636
Di-isopropyl ether	U		0.205	0.500	20	03/14/2024 15:28	WG2246636
Ethylbenzene	61.0		7.37	25.0	400	03/15/2024 23:34	WG2247535
4-Ethyltoluene	82.9		23.2	50.0	400	03/15/2024 23:34	WG2247535
Hexachloro-1,3-butadiene	U		3.00	12.5	20	03/14/2024 15:28	WG2246636
n-Hexane	102		22.6	50.0	400	03/15/2024 23:34	WG2247535
Isopropylbenzene	7.34		0.213	1.25	20	03/14/2024 15:28	WG2246636
p-Isopropyltoluene	1.54	E4	1.28	2.50	20	03/14/2024 15:28	WG2246636
2-Butanone (MEK)	U		31.8	50.0	20	03/14/2024 15:28	WG2246636
Methylene Chloride	U		3.32	12.5	20	03/14/2024 15:28	WG2246636
4-Methyl-2-pentanone (MIBK)	5.65	E4	1.14	12.5	20	03/14/2024 15:28	WG2246636
Methyl tert-butyl ether	U		0.175	0.500	20	03/14/2024 15:28	WG2246636
Methyl Cyclohexane	98.8		20.6	50.0	400	03/15/2024 23:34	WG2247535
Naphthalene	8.55		2.44	6.25	20	03/14/2024 15:28	WG2246636
Propene	U	R7	3.06	25.0	20	03/14/2024 15:28	WG2246636
n-Propylbenzene	23.7		0.475	2.50	20	03/14/2024 15:28	WG2246636
Styrene	U		0.115	6.25	20	03/14/2024 15:28	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.474	1.25	20	03/14/2024 15:28	WG2246636
1,1,2,2-Tetrachloroethane	U		0.348	1.25	20	03/14/2024 15:28	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.377	1.25	20	03/14/2024 15:28	WG2246636
Tetrachloroethene	U		0.448	1.25	20	03/14/2024 15:28	WG2246636
Toluene	232		13.0	50.0	400	03/15/2024 23:34	WG2247535
1,2,3-Trichlorobenzene	U		3.67	6.25	20	03/14/2024 15:28	WG2246636
1,2,4-Trichlorobenzene	U		2.20	6.25	20	03/14/2024 15:28	WG2246636
1,1,1-Trichloroethane	U		0.461	1.25	20	03/14/2024 15:28	WG2246636
1,1,2-Trichloroethane	U		0.299	1.25	20	03/14/2024 15:28	WG2246636
Trichloroethene	U		0.292	0.500	20	03/14/2024 15:28	WG2246636
Trichlorofluoromethane	U		0.414	1.25	20	03/14/2024 15:28	WG2246636
1,2,3-Trichloropropane	U		0.810	6.25	20	03/14/2024 15:28	WG2246636
1,2,4-Trimethylbenzene	91.1		15.8	50.0	400	03/15/2024 23:34	WG2247535
1,2,3-Trimethylbenzene	23.9		0.790	2.50	20	03/14/2024 15:28	WG2246636
1,3,5-Trimethylbenzene	29.2		1.00	2.50	20	03/14/2024 15:28	WG2246636
Vinyl chloride	U		0.580	1.25	20	03/14/2024 15:28	WG2246636
Xylenes, Total	268		8.80	65.0	400	03/15/2024 23:34	WG2247535
(S) Toluene-d8	*106*			*75.0-131*		*03/14/2024 15:28*	WG2246636
(S) Toluene-d8	*100*			*75.0-131*		*03/15/2024 23:34*	WG2247535
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*03/14/2024 15:28*	WG2246636
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*03/15/2024 23:34*	WG2247535
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*03/14/2024 15:28*	WG2246636
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*03/15/2024 23:34*	WG2247535

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		18.3	25.0	20	03/14/2024 15:48	WG2246636
Acrylonitrile	U		1.81	6.25	20	03/14/2024 15:48	WG2246636
Benzene	23.7		0.234	0.500	20	03/14/2024 15:48	WG2246636
Bromobenzene	U	L1	0.450	6.25	20	03/14/2024 15:48	WG2246636
Bromodichloromethane	U		0.363	1.25	20	03/14/2024 15:48	WG2246636
Bromoform	U		0.585	12.5	20	03/14/2024 15:48	WG2246636
Bromomethane	U		0.985	6.25	20	03/14/2024 15:48	WG2246636
1,3-Butadiene	U		2.57	12.5	20	03/14/2024 15:48	WG2246636
n-Butylbenzene	U		2.63	6.25	20	03/14/2024 15:48	WG2246636
sec-Butylbenzene	U		1.44	6.25	20	03/14/2024 15:48	WG2246636
tert-Butylbenzene	U		0.975	2.50	20	03/14/2024 15:48	WG2246636
Carbon disulfide	U		0.350	6.25	20	03/14/2024 15:48	WG2246636
Carbon tetrachloride	U		0.449	2.50	20	03/14/2024 15:48	WG2246636
Chlorobenzene	U		0.105	1.25	20	03/14/2024 15:48	WG2246636
Chlorodibromomethane	U		0.306	1.25	20	03/14/2024 15:48	WG2246636
Chloroethane	U		0.850	2.50	20	03/14/2024 15:48	WG2246636
Chloroform	1.41		0.515	1.25	20	03/14/2024 15:48	WG2246636
Chloromethane	U		2.18	6.25	20	03/14/2024 15:48	WG2246636
2-Chlorotoluene	U		0.433	1.25	20	03/14/2024 15:48	WG2246636
4-Chlorotoluene	U		0.225	2.50	20	03/14/2024 15:48	WG2246636
Cyclohexane	26.9	L2 R7	0.555	1.25	20	03/14/2024 15:48	WG2246636
1,2-Dibromo-3-Chloropropane	U		1.95	12.5	20	03/14/2024 15:48	WG2246636
1,2-Dibromoethane	U		0.324	1.25	20	03/14/2024 15:48	WG2246636
Dibromomethane	U		0.375	2.50	20	03/14/2024 15:48	WG2246636
1,2-Dichlorobenzene	U		0.213	2.50	20	03/14/2024 15:48	WG2246636
1,3-Dichlorobenzene	U		0.300	2.50	20	03/14/2024 15:48	WG2246636
1,4-Dichlorobenzene	U		0.350	2.50	20	03/14/2024 15:48	WG2246636
Dichlorodifluoromethane	U		0.805	1.25	20	03/14/2024 15:48	WG2246636
1,1-Dichloroethane	U		0.246	1.25	20	03/14/2024 15:48	WG2246636
1,2-Dichloroethane	U		0.325	1.25	20	03/14/2024 15:48	WG2246636
1,1-Dichloroethene	U		0.303	1.25	20	03/14/2024 15:48	WG2246636
cis-1,2-Dichloroethene	U		0.367	1.25	20	03/14/2024 15:48	WG2246636
trans-1,2-Dichloroethene	U		0.520	2.50	20	03/14/2024 15:48	WG2246636
1,2-Dichloropropane	U		0.710	2.50	20	03/14/2024 15:48	WG2246636
1,1-Dichloropropene	U		0.405	1.25	20	03/14/2024 15:48	WG2246636
1,3-Dichloropropane	U		0.251	2.50	20	03/14/2024 15:48	WG2246636
cis-1,3-Dichloropropene	U		0.379	1.25	20	03/14/2024 15:48	WG2246636
trans-1,3-Dichloropropene	U		0.570	2.50	20	03/14/2024 15:48	WG2246636
2,2-Dichloropropane	U		0.690	1.25	20	03/14/2024 15:48	WG2246636
Dicyclopentadiene	U		0.825	6.25	20	03/14/2024 15:48	WG2246636
Di-isopropyl ether	U		0.205	0.500	20	03/14/2024 15:48	WG2246636
Ethylbenzene	42.6		0.369	1.25	20	03/14/2024 15:48	WG2246636
4-Ethyltoluene	99.4		11.6	25.0	200	03/15/2024 23:52	WG2247535
Hexachloro-1,3-butadiene	U		3.00	12.5	20	03/14/2024 15:48	WG2246636
n-Hexane	97.7		11.3	25.0	200	03/15/2024 23:52	WG2247535
Isopropylbenzene	3.63		0.213	1.25	20	03/14/2024 15:48	WG2246636
p-Isopropyltoluene	U		1.28	2.50	20	03/14/2024 15:48	WG2246636
2-Butanone (MEK)	U		31.8	50.0	20	03/14/2024 15:48	WG2246636
Methylene Chloride	U		3.32	12.5	20	03/14/2024 15:48	WG2246636
4-Methyl-2-pentanone (MIBK)	U		1.14	12.5	20	03/14/2024 15:48	WG2246636
Methyl tert-butyl ether	U		0.175	0.500	20	03/14/2024 15:48	WG2246636
Methyl Cyclohexane	114		10.3	25.0	200	03/15/2024 23:52	WG2247535
Naphthalene	5.51	E4	2.44	6.25	20	03/14/2024 15:48	WG2246636
Propene	U	R7	3.06	25.0	20	03/14/2024 15:48	WG2246636
n-Propylbenzene	13.0		0.475	2.50	20	03/14/2024 15:48	WG2246636
Styrene	U		0.115	6.25	20	03/14/2024 15:48	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.474	1.25	20	03/14/2024 15:48	WG2246636
1,1,2,2-Tetrachloroethane	U		0.348	1.25	20	03/14/2024 15:48	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.377	1.25	20	03/14/2024 15:48	WG2246636
Tetrachloroethene	U		0.448	1.25	20	03/14/2024 15:48	WG2246636
Toluene	276		6.50	25.0	200	03/15/2024 23:52	WG2247535
1,2,3-Trichlorobenzene	U		3.67	6.25	20	03/14/2024 15:48	WG2246636
1,2,4-Trichlorobenzene	U		2.20	6.25	20	03/14/2024 15:48	WG2246636
1,1,1-Trichloroethane	U		0.461	1.25	20	03/14/2024 15:48	WG2246636
1,1,2-Trichloroethane	U		0.299	1.25	20	03/14/2024 15:48	WG2246636
Trichloroethene	U		0.292	0.500	20	03/14/2024 15:48	WG2246636
Trichlorofluoromethane	U		0.414	1.25	20	03/14/2024 15:48	WG2246636
1,2,3-Trichloropropane	U		0.810	6.25	20	03/14/2024 15:48	WG2246636
1,2,4-Trimethylbenzene	113		7.90	25.0	200	03/15/2024 23:52	WG2247535
1,2,3-Trimethylbenzene	13.5		0.790	2.50	20	03/14/2024 15:48	WG2246636
1,3,5-Trimethylbenzene	17.2		1.00	2.50	20	03/14/2024 15:48	WG2246636
Vinyl chloride	U		0.580	1.25	20	03/14/2024 15:48	WG2246636
Xylenes, Total	323		4.40	32.5	200	03/15/2024 23:52	WG2247535
(S) Toluene-d8	*105*			*75.0-131*		*03/14/2024 15:48*	WG2246636
(S) Toluene-d8	*98.8*			*75.0-131*		*03/15/2024 23:52*	WG2247535
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*03/14/2024 15:48*	WG2246636
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/15/2024 23:52*	WG2247535
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*03/14/2024 15:48*	WG2246636
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*03/15/2024 23:52*	WG2247535

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	03/14/2024 16:08	WG2246636
Acrylonitrile	U		3.61	12.5	40	03/14/2024 16:08	WG2246636
Benzene	46.9		9.34	20.0	800	03/16/2024 00:11	WG2247535
Bromobenzene	U	L1	0.900	12.5	40	03/14/2024 16:08	WG2246636
Bromodichloromethane	U		0.725	2.50	40	03/14/2024 16:08	WG2246636
Bromoform	U		1.17	25.0	40	03/14/2024 16:08	WG2246636
Bromomethane	U		1.97	12.5	40	03/14/2024 16:08	WG2246636
1,3-Butadiene	U		5.13	25.0	40	03/14/2024 16:08	WG2246636
n-Butylbenzene	5.78	E4	5.25	12.5	40	03/14/2024 16:08	WG2246636
sec-Butylbenzene	4.99	E4	2.88	12.5	40	03/14/2024 16:08	WG2246636
tert-Butylbenzene	U		1.95	5.00	40	03/14/2024 16:08	WG2246636
Carbon disulfide	U		0.700	12.5	40	03/14/2024 16:08	WG2246636
Carbon tetrachloride	U		0.898	5.00	40	03/14/2024 16:08	WG2246636
Chlorobenzene	U		0.210	2.50	40	03/14/2024 16:08	WG2246636
Chlorodibromomethane	U		0.612	2.50	40	03/14/2024 16:08	WG2246636
Chloroethane	U		1.70	5.00	40	03/14/2024 16:08	WG2246636
Chloroform	U		1.03	2.50	40	03/14/2024 16:08	WG2246636
Chloromethane	14.5		4.35	12.5	40	03/14/2024 16:08	WG2246636
2-Chlorotoluene	U		0.865	2.50	40	03/14/2024 16:08	WG2246636
4-Chlorotoluene	U		0.450	5.00	40	03/14/2024 16:08	WG2246636
Cyclohexane	49.5	E4	22.2	50.0	800	03/16/2024 00:11	WG2247535
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	03/14/2024 16:08	WG2246636
1,2-Dibromoethane	U		0.648	2.50	40	03/14/2024 16:08	WG2246636
Dibromomethane	U		0.750	5.00	40	03/14/2024 16:08	WG2246636
1,2-Dichlorobenzene	U		0.425	5.00	40	03/14/2024 16:08	WG2246636
1,3-Dichlorobenzene	U		0.600	5.00	40	03/14/2024 16:08	WG2246636
1,4-Dichlorobenzene	U		0.700	5.00	40	03/14/2024 16:08	WG2246636
Dichlorodifluoromethane	U		1.61	2.50	40	03/14/2024 16:08	WG2246636
1,1-Dichloroethane	U		0.491	2.50	40	03/14/2024 16:08	WG2246636
1,2-Dichloroethane	U		0.649	2.50	40	03/14/2024 16:08	WG2246636
1,1-Dichloroethene	U		0.606	2.50	40	03/14/2024 16:08	WG2246636
cis-1,2-Dichloroethene	U		0.734	2.50	40	03/14/2024 16:08	WG2246636
trans-1,2-Dichloroethene	U		1.04	5.00	40	03/14/2024 16:08	WG2246636
1,2-Dichloropropane	U		1.42	5.00	40	03/14/2024 16:08	WG2246636
1,1-Dichloropropene	U		0.809	2.50	40	03/14/2024 16:08	WG2246636
1,3-Dichloropropane	U		0.501	5.00	40	03/14/2024 16:08	WG2246636
cis-1,3-Dichloropropene	U		0.757	2.50	40	03/14/2024 16:08	WG2246636
trans-1,3-Dichloropropene	U		1.14	5.00	40	03/14/2024 16:08	WG2246636
2,2-Dichloropropane	U		1.38	2.50	40	03/14/2024 16:08	WG2246636
Dicyclopentadiene	U		1.65	12.5	40	03/14/2024 16:08	WG2246636
Di-isopropyl ether	U		0.410	1.00	40	03/14/2024 16:08	WG2246636
Ethylbenzene	61.4		14.7	50.0	800	03/16/2024 00:11	WG2247535
4-Ethyltoluene	67.4	E4	46.4	100	800	03/16/2024 00:11	WG2247535
Hexachloro-1,3-butadiene	U		6.00	25.0	40	03/14/2024 16:08	WG2246636
n-Hexane	71.7	E4	45.2	100	800	03/16/2024 00:11	WG2247535
Isopropylbenzene	15.5		0.425	2.50	40	03/14/2024 16:08	WG2246636
p-Isopropyltoluene	2.86	E4	2.55	5.00	40	03/14/2024 16:08	WG2246636
2-Butanone (MEK)	U		63.5	100	40	03/14/2024 16:08	WG2246636
Methylene Chloride	U		6.64	25.0	40	03/14/2024 16:08	WG2246636
4-Methyl-2-pentanone (MIBK)	15.1	E4	2.28	25.0	40	03/14/2024 16:08	WG2246636
Methyl tert-butyl ether	U		0.350	1.00	40	03/14/2024 16:08	WG2246636
Methyl Cyclohexane	46.4	E4	41.2	100	800	03/16/2024 00:11	WG2247535
Naphthalene	16.5		4.88	12.5	40	03/14/2024 16:08	WG2246636
Propene	U	R7	6.12	50.0	40	03/14/2024 16:08	WG2246636
n-Propylbenzene	45.6		0.950	5.00	40	03/14/2024 16:08	WG2246636
Styrene	U		0.229	12.5	40	03/14/2024 16:08	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	03/14/2024 16:08	WG2246636
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	03/14/2024 16:08	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	03/14/2024 16:08	WG2246636
Tetrachloroethene	U		0.896	2.50	40	03/14/2024 16:08	WG2246636
Toluene	304		26.0	100	800	03/16/2024 00:11	WG2247535
1,2,3-Trichlorobenzene	U		7.33	12.5	40	03/14/2024 16:08	WG2246636
1,2,4-Trichlorobenzene	U		4.40	12.5	40	03/14/2024 16:08	WG2246636
1,1,1-Trichloroethane	U		0.923	2.50	40	03/14/2024 16:08	WG2246636
1,1,2-Trichloroethane	U		0.597	2.50	40	03/14/2024 16:08	WG2246636
Trichloroethene	U		0.584	1.00	40	03/14/2024 16:08	WG2246636
Trichlorofluoromethane	U		0.827	2.50	40	03/14/2024 16:08	WG2246636
1,2,3-Trichloropropane	U		1.62	12.5	40	03/14/2024 16:08	WG2246636
1,2,4-Trimethylbenzene	83.0	E4	31.6	100	800	03/16/2024 00:11	WG2247535
1,2,3-Trimethylbenzene	43.7		1.58	5.00	40	03/14/2024 16:08	WG2246636
1,3,5-Trimethylbenzene	53.4		2.00	5.00	40	03/14/2024 16:08	WG2246636
Vinyl chloride	U		1.16	2.50	40	03/14/2024 16:08	WG2246636
Xylenes, Total	272		17.6	130	800	03/16/2024 00:11	WG2247535
(S) Toluene-d8	*110*			*75.0-131*		*03/14/2024 16:08*	WG2246636
(S) Toluene-d8	*99.4*			*75.0-131*		*03/16/2024 00:11*	WG2247535
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/14/2024 16:08*	WG2246636
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/16/2024 00:11*	WG2247535
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*03/14/2024 16:08*	WG2246636
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*03/16/2024 00:11*	WG2247535

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	03/14/2024 16:28	WG2246636
Acrylonitrile	U		3.61	12.5	40	03/14/2024 16:28	WG2246636
Benzene	50.9		0.467	1.00	40	03/14/2024 16:28	WG2246636
Bromobenzene	U	L1	0.900	12.5	40	03/14/2024 16:28	WG2246636
Bromodichloromethane	U		0.725	2.50	40	03/14/2024 16:28	WG2246636
Bromoform	U		1.17	25.0	40	03/14/2024 16:28	WG2246636
Bromomethane	U		1.97	12.5	40	03/14/2024 16:28	WG2246636
1,3-Butadiene	U		5.13	25.0	40	03/14/2024 16:28	WG2246636
n-Butylbenzene	U		5.25	12.5	40	03/14/2024 16:28	WG2246636
sec-Butylbenzene	U		2.88	12.5	40	03/14/2024 16:28	WG2246636
tert-Butylbenzene	U		1.95	5.00	40	03/14/2024 16:28	WG2246636
Carbon disulfide	U		0.700	12.5	40	03/14/2024 16:28	WG2246636
Carbon tetrachloride	U		0.898	5.00	40	03/14/2024 16:28	WG2246636
Chlorobenzene	U		0.210	2.50	40	03/14/2024 16:28	WG2246636
Chlorodibromomethane	U		0.612	2.50	40	03/14/2024 16:28	WG2246636
Chloroethane	U		1.70	5.00	40	03/14/2024 16:28	WG2246636
Chloroform	3.51		1.03	2.50	40	03/14/2024 16:28	WG2246636
Chloromethane	U		4.35	12.5	40	03/14/2024 16:28	WG2246636
2-Chlorotoluene	U		0.865	2.50	40	03/14/2024 16:28	WG2246636
4-Chlorotoluene	U		0.450	5.00	40	03/14/2024 16:28	WG2246636
Cyclohexane	86.8	L2 R7	1.11	2.50	40	03/14/2024 16:28	WG2246636
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	03/14/2024 16:28	WG2246636
1,2-Dibromoethane	U		0.648	2.50	40	03/14/2024 16:28	WG2246636
Dibromomethane	U		0.750	5.00	40	03/14/2024 16:28	WG2246636
1,2-Dichlorobenzene	U		0.425	5.00	40	03/14/2024 16:28	WG2246636
1,3-Dichlorobenzene	U		0.600	5.00	40	03/14/2024 16:28	WG2246636
1,4-Dichlorobenzene	U		0.700	5.00	40	03/14/2024 16:28	WG2246636
Dichlorodifluoromethane	U		1.61	2.50	40	03/14/2024 16:28	WG2246636
1,1-Dichloroethane	U		0.491	2.50	40	03/14/2024 16:28	WG2246636
1,2-Dichloroethane	U		0.649	2.50	40	03/14/2024 16:28	WG2246636
1,1-Dichloroethene	U		0.606	2.50	40	03/14/2024 16:28	WG2246636
cis-1,2-Dichloroethene	U		0.734	2.50	40	03/14/2024 16:28	WG2246636
trans-1,2-Dichloroethene	U		1.04	5.00	40	03/14/2024 16:28	WG2246636
1,2-Dichloropropane	U		1.42	5.00	40	03/14/2024 16:28	WG2246636
1,1-Dichloropropene	U		0.809	2.50	40	03/14/2024 16:28	WG2246636
1,3-Dichloropropane	U		0.501	5.00	40	03/14/2024 16:28	WG2246636
cis-1,3-Dichloropropene	U		0.757	2.50	40	03/14/2024 16:28	WG2246636
trans-1,3-Dichloropropene	U		1.14	5.00	40	03/14/2024 16:28	WG2246636
2,2-Dichloropropane	U		1.38	2.50	40	03/14/2024 16:28	WG2246636
Dicyclopentadiene	U		1.65	12.5	40	03/14/2024 16:28	WG2246636
Di-isopropyl ether	U		0.410	1.00	40	03/14/2024 16:28	WG2246636
Ethylbenzene	91.2		0.737	2.50	40	03/14/2024 16:28	WG2246636
4-Ethyltoluene	97.3		2.32	5.00	40	03/14/2024 16:28	WG2246636
Hexachloro-1,3-butadiene	U		6.00	25.0	40	03/14/2024 16:28	WG2246636
n-Hexane	139		22.6	50.0	400	03/16/2024 00:30	WG2247535
Isopropylbenzene	8.17		0.425	2.50	40	03/14/2024 16:28	WG2246636
p-Isopropyltoluene	U		2.55	5.00	40	03/14/2024 16:28	WG2246636
2-Butanone (MEK)	U		63.5	100	40	03/14/2024 16:28	WG2246636
Methylene Chloride	U		6.64	25.0	40	03/14/2024 16:28	WG2246636
4-Methyl-2-pentanone (MIBK)	6.05	E4	2.28	25.0	40	03/14/2024 16:28	WG2246636
Methyl tert-butyl ether	U		0.350	1.00	40	03/14/2024 16:28	WG2246636
Methyl Cyclohexane	100		20.6	50.0	400	03/16/2024 00:30	WG2247535
Naphthalene	8.72	E4	4.88	12.5	40	03/14/2024 16:28	WG2246636
Propene	U	R7	6.12	50.0	40	03/14/2024 16:28	WG2246636
n-Propylbenzene	25.4		0.950	5.00	40	03/14/2024 16:28	WG2246636
Styrene	U		0.229	12.5	40	03/14/2024 16:28	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	03/14/2024 16:28	WG2246636
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	03/14/2024 16:28	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	03/14/2024 16:28	WG2246636
Tetrachloroethene	U		0.896	2.50	40	03/14/2024 16:28	WG2246636
Toluene	258		13.0	50.0	400	03/16/2024 00:30	WG2247535
1,2,3-Trichlorobenzene	U		7.33	12.5	40	03/14/2024 16:28	WG2246636
1,2,4-Trichlorobenzene	U		4.40	12.5	40	03/14/2024 16:28	WG2246636
1,1,1-Trichloroethane	U		0.923	2.50	40	03/14/2024 16:28	WG2246636
1,1,2-Trichloroethane	U		0.597	2.50	40	03/14/2024 16:28	WG2246636
Trichloroethene	U		0.584	1.00	40	03/14/2024 16:28	WG2246636
Trichlorofluoromethane	U		0.827	2.50	40	03/14/2024 16:28	WG2246636
1,2,3-Trichloropropane	U		1.62	12.5	40	03/14/2024 16:28	WG2246636
1,2,4-Trimethylbenzene	83.7		15.8	50.0	400	03/16/2024 00:30	WG2247535
1,2,3-Trimethylbenzene	24.7		1.58	5.00	40	03/14/2024 16:28	WG2246636
1,3,5-Trimethylbenzene	31.0		2.00	5.00	40	03/14/2024 16:28	WG2246636
Vinyl chloride	U		1.16	2.50	40	03/14/2024 16:28	WG2246636
Xylenes, Total	257		8.80	65.0	400	03/16/2024 00:30	WG2247535
(S) Toluene-d8	*108*			*75.0-131*		*03/14/2024 16:28*	WG2246636
(S) Toluene-d8	*100*			*75.0-131*		*03/16/2024 00:30*	WG2247535
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/14/2024 16:28*	WG2246636
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/16/2024 00:30*	WG2247535
(S) 1,2-Dichloroethane-d4	*93.0*			*70.0-130*		*03/14/2024 16:28*	WG2246636
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*03/16/2024 00:30*	WG2247535

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		7.30	10.0	8	03/14/2024 16:47	WG2246636
Acrylonitrile	U		0.722	2.50	8	03/14/2024 16:47	WG2246636
Benzene	4.64		0.0934	0.200	8	03/14/2024 16:47	WG2246636
Bromobenzene	U	L1	0.180	2.50	8	03/14/2024 16:47	WG2246636
Bromodichloromethane	U		0.145	0.500	8	03/14/2024 16:47	WG2246636
Bromoform	U		0.234	5.00	8	03/14/2024 16:47	WG2246636
Bromomethane	U		0.394	2.50	8	03/14/2024 16:47	WG2246636
1,3-Butadiene	U		1.03	5.00	8	03/14/2024 16:47	WG2246636
n-Butylbenzene	U		1.05	2.50	8	03/14/2024 16:47	WG2246636
sec-Butylbenzene	U		0.576	2.50	8	03/14/2024 16:47	WG2246636
tert-Butylbenzene	U		0.390	1.00	8	03/14/2024 16:47	WG2246636
Carbon disulfide	U		0.140	2.50	8	03/14/2024 16:47	WG2246636
Carbon tetrachloride	U		0.180	1.00	8	03/14/2024 16:47	WG2246636
Chlorobenzene	U		0.0420	0.500	8	03/14/2024 16:47	WG2246636
Chlorodibromomethane	U		0.122	0.500	8	03/14/2024 16:47	WG2246636
Chloroethane	U		0.340	1.00	8	03/14/2024 16:47	WG2246636
Chloroform	U		0.206	0.500	8	03/14/2024 16:47	WG2246636
Chloromethane	U		0.870	2.50	8	03/14/2024 16:47	WG2246636
2-Chlorotoluene	U		0.173	0.500	8	03/14/2024 16:47	WG2246636
4-Chlorotoluene	U		0.0900	1.00	8	03/14/2024 16:47	WG2246636
Cyclohexane	2.46	L2 R7	0.222	0.500	8	03/14/2024 16:47	WG2246636
1,2-Dibromo-3-Chloropropane	U		0.780	5.00	8	03/14/2024 16:47	WG2246636
1,2-Dibromoethane	U		0.130	0.500	8	03/14/2024 16:47	WG2246636
Dibromomethane	U		0.150	1.00	8	03/14/2024 16:47	WG2246636
1,2-Dichlorobenzene	U		0.0850	1.00	8	03/14/2024 16:47	WG2246636
1,3-Dichlorobenzene	U		0.120	1.00	8	03/14/2024 16:47	WG2246636
1,4-Dichlorobenzene	U		0.140	1.00	8	03/14/2024 16:47	WG2246636
Dichlorodifluoromethane	U		0.322	0.500	8	03/14/2024 16:47	WG2246636
1,1-Dichloroethane	U		0.0982	0.500	8	03/14/2024 16:47	WG2246636
1,2-Dichloroethane	U		0.130	0.500	8	03/14/2024 16:47	WG2246636
1,1-Dichloroethene	U		0.121	0.500	8	03/14/2024 16:47	WG2246636
cis-1,2-Dichloroethene	U		0.147	0.500	8	03/14/2024 16:47	WG2246636
trans-1,2-Dichloroethene	U		0.208	1.00	8	03/14/2024 16:47	WG2246636
1,2-Dichloropropane	U		0.284	1.00	8	03/14/2024 16:47	WG2246636
1,1-Dichloropropene	U		0.162	0.500	8	03/14/2024 16:47	WG2246636
1,3-Dichloropropane	U		0.100	1.00	8	03/14/2024 16:47	WG2246636
cis-1,3-Dichloropropene	U		0.151	0.500	8	03/14/2024 16:47	WG2246636
trans-1,3-Dichloropropene	U		0.228	1.00	8	03/14/2024 16:47	WG2246636
2,2-Dichloropropane	U		0.276	0.500	8	03/14/2024 16:47	WG2246636
Dicyclopentadiene	U		0.330	2.50	8	03/14/2024 16:47	WG2246636
Di-isopropyl ether	U		0.0820	0.200	8	03/14/2024 16:47	WG2246636
Ethylbenzene	1.14		0.147	0.500	8	03/14/2024 16:47	WG2246636
4-Ethyltoluene	0.685	E4	0.464	1.00	8	03/14/2024 16:47	WG2246636
Hexachloro-1,3-butadiene	U		1.20	5.00	8	03/14/2024 16:47	WG2246636
n-Hexane	4.50		0.452	1.00	8	03/14/2024 16:47	WG2246636
Isopropylbenzene	U		0.0850	0.500	8	03/14/2024 16:47	WG2246636
p-Isopropyltoluene	U		0.510	1.00	8	03/14/2024 16:47	WG2246636
2-Butanone (MEK)	U		12.7	20.0	8	03/14/2024 16:47	WG2246636
Methylene Chloride	U		1.33	5.00	8	03/14/2024 16:47	WG2246636
4-Methyl-2-pentanone (MIBK)	U		0.456	5.00	8	03/14/2024 16:47	WG2246636
Methyl tert-butyl ether	U		0.0700	0.200	8	03/14/2024 16:47	WG2246636
Methyl Cyclohexane	1.72		0.412	1.00	8	03/14/2024 16:47	WG2246636
Naphthalene	U		0.976	2.50	8	03/14/2024 16:47	WG2246636
Propene	U	R7	1.22	10.0	8	03/14/2024 16:47	WG2246636
n-Propylbenzene	U		0.190	1.00	8	03/14/2024 16:47	WG2246636
Styrene	U		0.0458	2.50	8	03/14/2024 16:47	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.190	0.500	8	03/14/2024 16:47	WG2246636
1,1,2,2-Tetrachloroethane	U		0.139	0.500	8	03/14/2024 16:47	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.151	0.500	8	03/14/2024 16:47	WG2246636
Tetrachloroethene	U		0.179	0.500	8	03/14/2024 16:47	WG2246636
Toluene	11.2		0.260	1.00	8	03/14/2024 16:47	WG2246636
1,2,3-Trichlorobenzene	U		1.47	2.50	8	03/14/2024 16:47	WG2246636
1,2,4-Trichlorobenzene	U		0.880	2.50	8	03/14/2024 16:47	WG2246636
1,1,1-Trichloroethane	U		0.185	0.500	8	03/14/2024 16:47	WG2246636
1,1,2-Trichloroethane	U		0.119	0.500	8	03/14/2024 16:47	WG2246636
Trichloroethene	U		0.117	0.200	8	03/14/2024 16:47	WG2246636
Trichlorofluoromethane	U		0.165	0.500	8	03/14/2024 16:47	WG2246636
1,2,3-Trichloropropane	U		0.324	2.50	8	03/14/2024 16:47	WG2246636
1,2,4-Trimethylbenzene	0.731	E4	0.316	1.00	8	03/14/2024 16:47	WG2246636
1,2,3-Trimethylbenzene	U		0.316	1.00	8	03/14/2024 16:47	WG2246636
1,3,5-Trimethylbenzene	U		0.400	1.00	8	03/14/2024 16:47	WG2246636
Vinyl chloride	U		0.232	0.500	8	03/14/2024 16:47	WG2246636
Xylenes, Total	4.85		0.176	1.30	8	03/14/2024 16:47	WG2246636
(S) Toluene-d8	*107*			*75.0-131*		*03/14/2024 16:47*	WG2246636
(S) 4-Bromofluorobenzene	*89.5*			*67.0-138*		*03/14/2024 16:47*	WG2246636
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*		*03/14/2024 16:47*	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	03/14/2024 17:07	WG2246636
Acrylonitrile	U		3.61	12.5	40	03/14/2024 17:07	WG2246636
Benzene	86.6		11.7	25.0	1000	03/16/2024 00:49	WG2247535
Bromobenzene	U	L1	0.900	12.5	40	03/14/2024 17:07	WG2246636
Bromodichloromethane	U		0.725	2.50	40	03/14/2024 17:07	WG2246636
Bromoform	U		1.17	25.0	40	03/14/2024 17:07	WG2246636
Bromomethane	U		1.97	12.5	40	03/14/2024 17:07	WG2246636
1,3-Butadiene	U		5.13	25.0	40	03/14/2024 17:07	WG2246636
n-Butylbenzene	U		5.25	12.5	40	03/14/2024 17:07	WG2246636
sec-Butylbenzene	6.24	E4	2.88	12.5	40	03/14/2024 17:07	WG2246636
tert-Butylbenzene	U		1.95	5.00	40	03/14/2024 17:07	WG2246636
Carbon disulfide	U		0.700	12.5	40	03/14/2024 17:07	WG2246636
Carbon tetrachloride	U		0.898	5.00	40	03/14/2024 17:07	WG2246636
Chlorobenzene	U		0.210	2.50	40	03/14/2024 17:07	WG2246636
Chlorodibromomethane	U		0.612	2.50	40	03/14/2024 17:07	WG2246636
Chloroethane	U		1.70	5.00	40	03/14/2024 17:07	WG2246636
Chloroform	8.38		1.03	2.50	40	03/14/2024 17:07	WG2246636
Chloromethane	U		4.35	12.5	40	03/14/2024 17:07	WG2246636
2-Chlorotoluene	U		0.865	2.50	40	03/14/2024 17:07	WG2246636
4-Chlorotoluene	U		0.450	5.00	40	03/14/2024 17:07	WG2246636
Cyclohexane	123		27.8	62.5	1000	03/16/2024 00:49	WG2247535
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	03/14/2024 17:07	WG2246636
1,2-Dibromoethane	U		0.648	2.50	40	03/14/2024 17:07	WG2246636
Dibromomethane	U		0.750	5.00	40	03/14/2024 17:07	WG2246636
1,2-Dichlorobenzene	U		0.425	5.00	40	03/14/2024 17:07	WG2246636
1,3-Dichlorobenzene	U		0.600	5.00	40	03/14/2024 17:07	WG2246636
1,4-Dichlorobenzene	U		0.700	5.00	40	03/14/2024 17:07	WG2246636
Dichlorodifluoromethane	U		1.61	2.50	40	03/14/2024 17:07	WG2246636
1,1-Dichloroethane	U		0.491	2.50	40	03/14/2024 17:07	WG2246636
1,2-Dichloroethane	U		0.649	2.50	40	03/14/2024 17:07	WG2246636
1,1-Dichloroethene	U		0.606	2.50	40	03/14/2024 17:07	WG2246636
cis-1,2-Dichloroethene	U		0.734	2.50	40	03/14/2024 17:07	WG2246636
trans-1,2-Dichloroethene	U		1.04	5.00	40	03/14/2024 17:07	WG2246636
1,2-Dichloropropane	U		1.42	5.00	40	03/14/2024 17:07	WG2246636
1,1-Dichloropropene	U		0.809	2.50	40	03/14/2024 17:07	WG2246636
1,3-Dichloropropane	U		0.501	5.00	40	03/14/2024 17:07	WG2246636
cis-1,3-Dichloropropene	U		0.757	2.50	40	03/14/2024 17:07	WG2246636
trans-1,3-Dichloropropene	U		1.14	5.00	40	03/14/2024 17:07	WG2246636
2,2-Dichloropropane	U		1.38	2.50	40	03/14/2024 17:07	WG2246636
Dicyclopentadiene	U		1.65	12.5	40	03/14/2024 17:07	WG2246636
Di-isopropyl ether	U		0.410	1.00	40	03/14/2024 17:07	WG2246636
Ethylbenzene	154		18.4	62.5	1000	03/16/2024 00:49	WG2247535
4-Ethyltoluene	194		58.0	125	1000	03/16/2024 00:49	WG2247535
Hexachloro-1,3-butadiene	U		6.00	25.0	40	03/14/2024 17:07	WG2246636
n-Hexane	173		56.5	125	1000	03/16/2024 00:49	WG2247535
Isopropylbenzene	24.8		0.425	2.50	40	03/14/2024 17:07	WG2246636
p-Isopropyltoluene	3.49	E4	2.55	5.00	40	03/14/2024 17:07	WG2246636
2-Butanone (MEK)	U		63.5	100	40	03/14/2024 17:07	WG2246636
Methylene Chloride	U		6.64	25.0	40	03/14/2024 17:07	WG2246636
4-Methyl-2-pentanone (MIBK)	7.91	E4	2.28	25.0	40	03/14/2024 17:07	WG2246636
Methyl tert-butyl ether	U		0.350	1.00	40	03/14/2024 17:07	WG2246636
Methyl Cyclohexane	134		51.5	125	1000	03/16/2024 00:49	WG2247535
Naphthalene	31.9		4.88	12.5	40	03/14/2024 17:07	WG2246636
Propene	U	R7	6.12	50.0	40	03/14/2024 17:07	WG2246636
n-Propylbenzene	69.3		0.950	5.00	40	03/14/2024 17:07	WG2246636
Styrene	U		0.229	12.5	40	03/14/2024 17:07	WG2246636

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	03/14/2024 17:07	WG2246636
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	03/14/2024 17:07	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	03/14/2024 17:07	WG2246636
Tetrachloroethene	U		0.896	2.50	40	03/14/2024 17:07	WG2246636
Toluene	643		32.5	125	1000	03/16/2024 00:49	WG2247535
1,2,3-Trichlorobenzene	U		7.33	12.5	40	03/14/2024 17:07	WG2246636
1,2,4-Trichlorobenzene	U		4.40	12.5	40	03/14/2024 17:07	WG2246636
1,1,1-Trichloroethane	U		0.923	2.50	40	03/14/2024 17:07	WG2246636
1,1,2-Trichloroethane	U		0.597	2.50	40	03/14/2024 17:07	WG2246636
Trichloroethene	U		0.584	1.00	40	03/14/2024 17:07	WG2246636
Trichlorofluoromethane	U		0.827	2.50	40	03/14/2024 17:07	WG2246636
1,2,3-Trichloropropane	U		1.62	12.5	40	03/14/2024 17:07	WG2246636
1,2,4-Trimethylbenzene	230		39.5	125	1000	03/16/2024 00:49	WG2247535
1,2,3-Trimethylbenzene	73.5		1.58	5.00	40	03/14/2024 17:07	WG2246636
1,3,5-Trimethylbenzene	85.7		2.00	5.00	40	03/14/2024 17:07	WG2246636
Vinyl chloride	U		1.16	2.50	40	03/14/2024 17:07	WG2246636
Xylenes, Total	704		22.0	163	1000	03/16/2024 00:49	WG2247535
(S) Toluene-d8	*113*			*75.0-131*		*03/14/2024 17:07*	WG2246636
(S) Toluene-d8	*98.9*			*75.0-131*		*03/16/2024 00:49*	WG2247535
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*03/14/2024 17:07*	WG2246636
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*03/16/2024 00:49*	WG2247535
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*03/14/2024 17:07*	WG2246636
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*		*03/16/2024 00:49*	WG2247535

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		36.5	50.0	40	03/14/2024 17:27	WG2246636
Acrylonitrile	U		3.61	12.5	40	03/14/2024 17:27	WG2246636
Benzene	24.7		0.467	1.00	40	03/14/2024 17:27	WG2246636
Bromobenzene	U	L1	0.900	12.5	40	03/14/2024 17:27	WG2246636
Bromodichloromethane	U		0.725	2.50	40	03/14/2024 17:27	WG2246636
Bromoform	U		1.17	25.0	40	03/14/2024 17:27	WG2246636
Bromomethane	U		1.97	12.5	40	03/14/2024 17:27	WG2246636
1,3-Butadiene	U		5.13	25.0	40	03/14/2024 17:27	WG2246636
n-Butylbenzene	U		5.25	12.5	40	03/14/2024 17:27	WG2246636
sec-Butylbenzene	U		2.88	12.5	40	03/14/2024 17:27	WG2246636
tert-Butylbenzene	U		1.95	5.00	40	03/14/2024 17:27	WG2246636
Carbon disulfide	U		0.700	12.5	40	03/14/2024 17:27	WG2246636
Carbon tetrachloride	U		0.898	5.00	40	03/14/2024 17:27	WG2246636
Chlorobenzene	U		0.210	2.50	40	03/14/2024 17:27	WG2246636
Chlorodibromomethane	U		0.612	2.50	40	03/14/2024 17:27	WG2246636
Chloroethane	U		1.70	5.00	40	03/14/2024 17:27	WG2246636
Chloroform	1.53	E4	1.03	2.50	40	03/14/2024 17:27	WG2246636
Chloromethane	U		4.35	12.5	40	03/14/2024 17:27	WG2246636
2-Chlorotoluene	U		0.865	2.50	40	03/14/2024 17:27	WG2246636
4-Chlorotoluene	U		0.450	5.00	40	03/14/2024 17:27	WG2246636
Cyclohexane	40.3	L2 R7	1.11	2.50	40	03/14/2024 17:27	WG2246636
1,2-Dibromo-3-Chloropropane	U		3.90	25.0	40	03/14/2024 17:27	WG2246636
1,2-Dibromoethane	U		0.648	2.50	40	03/14/2024 17:27	WG2246636
Dibromomethane	U		0.750	5.00	40	03/14/2024 17:27	WG2246636
1,2-Dichlorobenzene	U		0.425	5.00	40	03/14/2024 17:27	WG2246636
1,3-Dichlorobenzene	U		0.600	5.00	40	03/14/2024 17:27	WG2246636
1,4-Dichlorobenzene	U		0.700	5.00	40	03/14/2024 17:27	WG2246636
Dichlorodifluoromethane	U		1.61	2.50	40	03/14/2024 17:27	WG2246636
1,1-Dichloroethane	U		0.491	2.50	40	03/14/2024 17:27	WG2246636
1,2-Dichloroethane	U		0.649	2.50	40	03/14/2024 17:27	WG2246636
1,1-Dichloroethene	U		0.606	2.50	40	03/14/2024 17:27	WG2246636
cis-1,2-Dichloroethene	U		0.734	2.50	40	03/14/2024 17:27	WG2246636
trans-1,2-Dichloroethene	U		1.04	5.00	40	03/14/2024 17:27	WG2246636
1,2-Dichloropropane	U		1.42	5.00	40	03/14/2024 17:27	WG2246636
1,1-Dichloropropene	U		0.809	2.50	40	03/14/2024 17:27	WG2246636
1,3-Dichloropropane	U		0.501	5.00	40	03/14/2024 17:27	WG2246636
cis-1,3-Dichloropropene	U		0.757	2.50	40	03/14/2024 17:27	WG2246636
trans-1,3-Dichloropropene	U		1.14	5.00	40	03/14/2024 17:27	WG2246636
2,2-Dichloropropane	U		1.38	2.50	40	03/14/2024 17:27	WG2246636
Dicyclopentadiene	U		1.65	12.5	40	03/14/2024 17:27	WG2246636
Di-isopropyl ether	U		0.410	1.00	40	03/14/2024 17:27	WG2246636
Ethylbenzene	52.1		0.737	2.50	40	03/14/2024 17:27	WG2246636
4-Ethyltoluene	61.1		2.32	5.00	40	03/14/2024 17:27	WG2246636
Hexachloro-1,3-butadiene	U		6.00	25.0	40	03/14/2024 17:27	WG2246636
n-Hexane	49.5		2.26	5.00	40	03/14/2024 17:27	WG2246636
Isopropylbenzene	4.37		0.425	2.50	40	03/14/2024 17:27	WG2246636
p-Isopropyltoluene	U		2.55	5.00	40	03/14/2024 17:27	WG2246636
2-Butanone (MEK)	U		63.5	100	40	03/14/2024 17:27	WG2246636
Methylene Chloride	U		6.64	25.0	40	03/14/2024 17:27	WG2246636
4-Methyl-2-pentanone (MIBK)	2.63	E4	2.28	25.0	40	03/14/2024 17:27	WG2246636
Methyl tert-butyl ether	U		0.350	1.00	40	03/14/2024 17:27	WG2246636
Methyl Cyclohexane	52.3		2.06	5.00	40	03/14/2024 17:27	WG2246636
Naphthalene	5.90	E4	4.88	12.5	40	03/14/2024 17:27	WG2246636
Propene	U	R7	6.12	50.0	40	03/14/2024 17:27	WG2246636
n-Propylbenzene	14.6		0.950	5.00	40	03/14/2024 17:27	WG2246636
Styrene	U		0.229	12.5	40	03/14/2024 17:27	WG2246636

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.948	2.50	40	03/14/2024 17:27	WG2246636
1,1,2,2-Tetrachloroethane	U		0.695	2.50	40	03/14/2024 17:27	WG2246636
1,1,2-Trichlorotrifluoroethane	U		0.754	2.50	40	03/14/2024 17:27	WG2246636
Tetrachloroethene	U		0.896	2.50	40	03/14/2024 17:27	WG2246636
Toluene	278		6.50	25.0	200	03/16/2024 01:08	WG2247535
1,2,3-Trichlorobenzene	U		7.33	12.5	40	03/14/2024 17:27	WG2246636
1,2,4-Trichlorobenzene	U		4.40	12.5	40	03/14/2024 17:27	WG2246636
1,1,1-Trichloroethane	U		0.923	2.50	40	03/14/2024 17:27	WG2246636
1,1,2-Trichloroethane	U		0.597	2.50	40	03/14/2024 17:27	WG2246636
Trichloroethene	U		0.584	1.00	40	03/14/2024 17:27	WG2246636
Trichlorofluoromethane	U		0.827	2.50	40	03/14/2024 17:27	WG2246636
1,2,3-Trichloropropane	U		1.62	12.5	40	03/14/2024 17:27	WG2246636
1,2,4-Trimethylbenzene	70.3		1.58	5.00	40	03/14/2024 17:27	WG2246636
1,2,3-Trimethylbenzene	14.9		1.58	5.00	40	03/14/2024 17:27	WG2246636
1,3,5-Trimethylbenzene	19.2		2.00	5.00	40	03/14/2024 17:27	WG2246636
Vinyl chloride	U		1.16	2.50	40	03/14/2024 17:27	WG2246636
Xylenes, Total	215		0.880	6.50	40	03/14/2024 17:27	WG2246636
(S) Toluene-d8	*108*			*75.0-131*		*03/14/2024 17:27*	WG2246636
(S) Toluene-d8	*97.8*			*75.0-131*		*03/16/2024 01:08*	WG2247535
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*03/14/2024 17:27*	WG2246636
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*03/16/2024 01:08*	WG2247535
(S) 1,2-Dichloroethane-d4	*94.8*			*70.0-130*		*03/14/2024 17:27*	WG2246636
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*03/16/2024 01:08*	WG2247535

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/13/2024 10:00	WG2245628
Acrolein	U		2.54	50.0	1	03/13/2024 10:00	WG2245628
Acrylonitrile	U		0.671	10.0	1	03/13/2024 10:00	WG2245628
Benzene	U		0.0941	1.00	1	03/13/2024 10:00	WG2245628
Bromobenzene	U		0.118	1.00	1	03/13/2024 10:00	WG2245628
Bromodichloromethane	U		0.136	1.00	1	03/13/2024 10:00	WG2245628
Bromoform	U		0.129	1.00	1	03/13/2024 10:00	WG2245628
Bromomethane	U		0.605	5.00	1	03/13/2024 10:00	WG2245628
1,3-Butadiene	U		0.299	2.00	1	03/13/2024 10:00	WG2245628
n-Butylbenzene	U		0.157	1.00	1	03/13/2024 10:00	WG2245628
sec-Butylbenzene	U		0.125	1.00	1	03/13/2024 10:00	WG2245628
tert-Butylbenzene	U		0.127	1.00	1	03/13/2024 10:00	WG2245628
Carbon tetrachloride	U		0.128	1.00	1	03/13/2024 10:00	WG2245628
Carbon disulfide	U		0.0962	1.00	1	03/13/2024 10:00	WG2245628
Chlorobenzene	U		0.116	1.00	1	03/13/2024 10:00	WG2245628
Chlorodibromomethane	U		0.140	1.00	1	03/13/2024 10:00	WG2245628
Chloroethane	U		0.192	5.00	1	03/13/2024 10:00	WG2245628
Chloroform	U		0.111	5.00	1	03/13/2024 10:00	WG2245628
Chloromethane	U		0.960	2.50	1	03/13/2024 10:00	WG2245628
Cyclohexane	U		0.188	1.00	1	03/13/2024 10:00	WG2245628
2-Chlorotoluene	U		0.106	1.00	1	03/13/2024 10:00	WG2245628
4-Chlorotoluene	U		0.114	1.00	1	03/13/2024 10:00	WG2245628
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/13/2024 10:00	WG2245628
1,2-Dibromoethane	U		0.126	1.00	1	03/13/2024 10:00	WG2245628
Dibromomethane	U		0.122	1.00	1	03/13/2024 10:00	WG2245628
1,2-Dichlorobenzene	U		0.107	1.00	1	03/13/2024 10:00	WG2245628
1,3-Dichlorobenzene	U		0.110	1.00	1	03/13/2024 10:00	WG2245628
1,4-Dichlorobenzene	U		0.120	1.00	1	03/13/2024 10:00	WG2245628
Dichlorodifluoromethane	U		0.374	5.00	1	03/13/2024 10:00	WG2245628
1,1-Dichloroethane	U		0.100	1.00	1	03/13/2024 10:00	WG2245628
1,2-Dichloroethane	U		0.0819	1.00	1	03/13/2024 10:00	WG2245628
1,1-Dichloroethene	U		0.188	1.00	1	03/13/2024 10:00	WG2245628
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/13/2024 10:00	WG2245628
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/13/2024 10:00	WG2245628
1,2-Dichloropropane	U		0.149	1.00	1	03/13/2024 10:00	WG2245628
1,1-Dichloropropene	U		0.142	1.00	1	03/13/2024 10:00	WG2245628
1,3-Dichloropropane	U		0.110	1.00	1	03/13/2024 10:00	WG2245628
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/13/2024 10:00	WG2245628
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/13/2024 10:00	WG2245628
2,2-Dichloropropane	U		0.161	1.00	1	03/13/2024 10:00	WG2245628
Dicyclopentadiene	U		0.253	1.00	1	03/13/2024 10:00	WG2245628
Di-isopropyl ether	U		0.105	1.00	1	03/13/2024 10:00	WG2245628
Ethylbenzene	U		0.137	1.00	1	03/13/2024 10:00	WG2245628
4-Ethyltoluene	U		0.208	1.00	1	03/13/2024 10:00	WG2245628
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/13/2024 10:00	WG2245628
n-Hexane	U		0.749	10.0	1	03/13/2024 10:00	WG2245628
Isopropylbenzene	U		0.105	1.00	1	03/13/2024 10:00	WG2245628
p-Isopropyltoluene	U		0.120	1.00	1	03/13/2024 10:00	WG2245628
2-Butanone (MEK)	U		1.19	10.0	1	03/13/2024 10:00	WG2245628
Methyl Cyclohexane	U		0.660	1.00	1	03/13/2024 10:00	WG2245628
Methylene Chloride	U		0.430	5.00	1	03/13/2024 10:00	WG2245628
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/13/2024 10:00	WG2245628
Methyl tert-butyl ether	U		0.101	1.00	1	03/13/2024 10:00	WG2245628
Naphthalene	U		1.00	5.00	1	03/13/2024 10:00	WG2245628
Propene	U	R7	0.936	2.50	1	03/13/2024 10:00	WG2245628
n-Propylbenzene	U		0.0993	1.00	1	03/13/2024 10:00	WG2245628

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/13/2024 10:00	WG2245628
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/13/2024 10:00	WG2245628
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/13/2024 10:00	WG2245628
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/13/2024 10:00	WG2245628
Tetrachloroethene	U		0.300	1.00	1	03/13/2024 10:00	WG2245628
Toluene	U		0.278	1.00	1	03/13/2024 10:00	WG2245628
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/13/2024 10:00	WG2245628
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/13/2024 10:00	WG2245628
1,1,1-Trichloroethane	U		0.149	1.00	1	03/13/2024 10:00	WG2245628
1,1,2-Trichloroethane	U		0.158	1.00	1	03/13/2024 10:00	WG2245628
Trichloroethene	U		0.190	1.00	1	03/13/2024 10:00	WG2245628
Trichlorofluoromethane	U		0.160	5.00	1	03/13/2024 10:00	WG2245628
1,2,3-Trichloropropane	U		0.237	2.50	1	03/13/2024 10:00	WG2245628
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/13/2024 10:00	WG2245628
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/13/2024 10:00	WG2245628
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/13/2024 10:00	WG2245628
Vinyl chloride	U		0.234	1.00	1	03/13/2024 10:00	WG2245628
Xylenes, Total	U		0.174	3.00	1	03/13/2024 10:00	WG2245628
(S) Toluene-d8	*107*			*80.0-120*		*03/13/2024 10:00*	WG2245628
(S) 4-Bromofluorobenzene	*85.2*			*77.0-126*		*03/13/2024 10:00*	WG2245628
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*03/13/2024 10:00*	WG2245628

Method Blank (MB)

(MB) R4045387-3 03/13/24 07:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4045387-3 03/13/24 07:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*84.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4045387-1 03/13/24 06:33 • (LCSD) R4045387-2 03/13/24 06:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	28.3	29.0	113	116	19.0-160			2.44	27
Acrolein	25.0	25.1	25.2	100	101	30.0-160			0.398	26
Acrylonitrile	25.0	25.4	24.5	102	98.0	55.0-149			3.61	20
Benzene	5.00	4.56	4.61	91.2	92.2	70.0-123			1.09	20
Bromobenzene	5.00	4.83	5.04	96.6	101	73.0-121			4.26	20
Bromodichloromethane	5.00	4.75	4.62	95.0	92.4	75.0-120			2.77	20
Bromoform	5.00	4.06	4.13	81.2	82.6	68.0-132			1.71	20
Bromomethane	5.00	3.88	3.87	77.6	77.4	30.0-160			0.258	25
1,3-Butadiene	5.00	5.20	5.44	104	109	45.0-147			4.51	20
n-Butylbenzene	5.00	3.96	4.26	79.2	85.2	73.0-125			7.30	20
sec-Butylbenzene	5.00	4.68	4.93	93.6	98.6	75.0-125			5.20	20
tert-Butylbenzene	5.00	4.69	5.06	93.8	101	76.0-124			7.59	20
Carbon tetrachloride	5.00	4.75	4.84	95.0	96.8	68.0-126			1.88	20
Carbon disulfide	5.00	4.00	4.14	80.0	82.8	61.0-128			3.44	20
Chlorobenzene	5.00	4.60	4.65	92.0	93.0	80.0-121			1.08	20
Chlorodibromomethane	5.00	4.56	4.65	91.2	93.0	77.0-125			1.95	20
Chloroethane	5.00	4.48	4.75	89.6	95.0	47.0-150			5.85	20
Chloroform	5.00	4.19	4.22	83.8	84.4	73.0-120			0.713	20
Chloromethane	5.00	5.38	5.38	108	108	41.0-142			0.000	20
Cyclohexane	5.00	3.82	4.06	76.4	81.2	71.0-124			6.09	20
2-Chlorotoluene	5.00	4.75	5.11	95.0	102	76.0-123			7.30	20
4-Chlorotoluene	5.00	5.07	5.08	101	102	75.0-122			0.197	20
1,2-Dibromo-3-Chloropropane	5.00	4.05	3.64	81.0	72.8	58.0-134			10.7	20
1,2-Dibromoethane	5.00	4.66	5.08	93.2	102	80.0-122			8.62	20
Dibromomethane	5.00	4.60	4.91	92.0	98.2	80.0-120			6.52	20
1,2-Dichlorobenzene	5.00	4.77	4.87	95.4	97.4	79.0-121			2.07	20
1,3-Dichlorobenzene	5.00	4.88	5.03	97.6	101	79.0-120			3.03	20
1,4-Dichlorobenzene	5.00	4.76	4.86	95.2	97.2	79.0-120			2.08	20
Dichlorodifluoromethane	5.00	5.38	5.83	108	117	51.0-149			8.03	20
1,1-Dichloroethane	5.00	4.74	4.80	94.8	96.0	70.0-126			1.26	20
1,2-Dichloroethane	5.00	5.15	5.33	103	107	70.0-128			3.44	20
1,1-Dichloroethene	5.00	4.03	4.05	80.6	81.0	71.0-124			0.495	20
cis-1,2-Dichloroethene	5.00	4.00	4.15	80.0	83.0	73.0-120			3.68	20
trans-1,2-Dichloroethene	5.00	4.23	4.31	84.6	86.2	73.0-120			1.87	20
1,2-Dichloropropane	5.00	5.23	5.16	105	103	77.0-125			1.35	20
1,1-Dichloropropene	5.00	4.64	4.74	92.8	94.8	74.0-126			2.13	20
1,3-Dichloropropane	5.00	5.30	5.36	106	107	80.0-120			1.13	20
cis-1,3-Dichloropropene	5.00	4.57	4.53	91.4	90.6	80.0-123			0.879	20
trans-1,3-Dichloropropene	5.00	4.78	4.96	95.6	99.2	78.0-124			3.70	20
2,2-Dichloropropane	5.00	3.44	3.67	68.8	73.4	58.0-130			6.47	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4045387-1 03/13/24 06:33 • (LCSD) R4045387-2 03/13/24 06:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.22	5.57	104	111	74.0-126			6.49	20
Di-isopropyl ether	5.00	4.25	4.46	85.0	89.2	58.0-138			4.82	20
Ethylbenzene	5.00	4.48	4.41	89.6	88.2	79.0-123			1.57	20
4-Ethyltoluene	5.00	4.65	4.88	93.0	97.6	74.0-127			4.83	20
Hexachloro-1,3-butadiene	5.00	3.87	4.10	77.4	82.0	54.0-138			5.77	20
n-Hexane	5.00	3.94	4.16	78.8	83.2	57.0-133			5.43	20
Isopropylbenzene	5.00	4.03	4.14	80.6	82.8	76.0-127			2.69	20
p-Isopropyltoluene	5.00	4.48	4.57	89.6	91.4	76.0-125			1.99	20
2-Butanone (MEK)	25.0	27.5	28.1	110	112	44.0-160			2.16	20
Methyl Cyclohexane	5.00	3.57	3.89	71.4	77.8	68.0-126			8.58	20
Methylene Chloride	5.00	4.24	4.37	84.8	87.4	67.0-120			3.02	20
4-Methyl-2-pentanone (MIBK)	25.0	29.1	30.0	116	120	68.0-142			3.05	20
Methyl tert-butyl ether	5.00	3.43	3.53	68.6	70.6	68.0-125			2.87	20
Naphthalene	5.00	3.27	3.43	65.4	68.6	54.0-135			4.78	20
Propene	5.00	1.60	2.65	32.0	53.0	30.0-160		R7	49.4	20
n-Propylbenzene	5.00	4.81	5.07	96.2	101	77.0-124			5.26	20
Styrene	5.00	3.80	4.08	76.0	81.6	73.0-130			7.11	20
1,1,1,2-Tetrachloroethane	5.00	4.44	4.59	88.8	91.8	75.0-125			3.32	20
1,1,2,2-Tetrachloroethane	5.00	5.78	5.90	116	118	65.0-130			2.05	20
1,1,2-Trichlorotrifluoroethane	5.00	4.95	5.06	99.0	101	69.0-132			2.20	20
Tetrachloroethene	5.00	4.39	4.70	87.8	94.0	72.0-132			6.82	20
Toluene	5.00	4.61	4.79	92.2	95.8	79.0-120			3.83	20
1,2,3-Trichlorobenzene	5.00	3.30	3.36	66.0	67.2	50.0-138			1.80	20
1,2,4-Trichlorobenzene	5.00	3.05	3.38	61.0	67.6	57.0-137			10.3	20
1,1,1-Trichloroethane	5.00	4.56	4.72	91.2	94.4	73.0-124			3.45	20
1,1,2-Trichloroethane	5.00	5.13	5.07	103	101	80.0-120			1.18	20
Trichloroethene	5.00	4.30	4.27	86.0	85.4	78.0-124			0.700	20
Trichlorofluoromethane	5.00	4.95	5.20	99.0	104	59.0-147			4.93	20
1,2,3-Trichloropropane	5.00	5.74	5.89	115	118	73.0-130			2.58	20
1,2,4-Trimethylbenzene	5.00	4.37	4.50	87.4	90.0	76.0-121			2.93	20
1,2,3-Trimethylbenzene	5.00	4.53	4.75	90.6	95.0	77.0-120			4.74	20
1,3,5-Trimethylbenzene	5.00	4.79	4.84	95.8	96.8	76.0-122			1.04	20
Vinyl chloride	5.00	4.20	4.94	84.0	98.8	67.0-131			16.2	20
Xylenes, Total	15.0	12.6	12.9	84.0	86.0	79.0-123			2.35	20
(S) Toluene-d8				*106*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*88.1*	*86.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*113*	*112*	*70.0-130*				

L1713726-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713726-05 03/13/24 14:43 • (MS) R4045387-4 03/13/24 15:40 • (MSD) R4045387-5 03/13/24 15:59

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	32.1	32.9	128	132	1	10.0-160			2.46	35
Acrolein	25.0	U	25.1	25.7	100	103	1	10.0-160			2.36	39
Acrylonitrile	25.0	U	30.4	31.7	122	127	1	21.0-160			4.19	32
Benzene	5.00	U	6.58	7.08	132	142	1	17.0-158			7.32	27
Bromobenzene	5.00	U	7.26	7.37	145	147	1	30.0-149			1.50	28
Bromodichloromethane	5.00	U	6.53	7.06	131	141	1	31.0-150			7.80	27
Bromoform	5.00	U	5.36	5.78	107	116	1	29.0-150			7.54	29
Bromomethane	5.00	U	5.92	6.50	118	130	1	10.0-160			9.34	38
1,3-Butadiene	5.00	U	8.49	8.94	170	179	1	10.0-160	M1	M1	5.16	22
n-Butylbenzene	5.00	U	6.12	6.34	122	127	1	31.0-150			3.53	30
sec-Butylbenzene	5.00	U	7.07	7.59	141	152	1	33.0-155			7.09	29
tert-Butylbenzene	5.00	U	7.08	7.47	142	149	1	34.0-153			5.36	28
Carbon tetrachloride	5.00	U	7.21	7.53	144	151	1	23.0-159			4.34	28
Carbon disulfide	5.00	U	6.87	7.20	137	144	1	10.0-156			4.69	28
Chlorobenzene	5.00	U	6.37	6.52	127	130	1	33.0-152			2.33	27
Chlorodibromomethane	5.00	U	6.38	6.85	128	137	1	37.0-149			7.11	27
Chloroethane	5.00	U	7.01	7.55	140	151	1	10.0-160			7.42	30
Chloroform	5.00	0.750	6.72	7.12	119	127	1	29.0-154			5.78	28
Chloromethane	5.00	U	8.04	8.98	161	180	1	10.0-160	M1	M1	11.0	29
Cyclohexane	5.00	U	6.49	6.31	130	126	1	19.0-160			2.81	23
2-Chlorotoluene	5.00	U	7.11	7.39	142	148	1	32.0-153			3.86	28
4-Chlorotoluene	5.00	U	7.04	7.46	141	149	1	32.0-150			5.79	28
1,2-Dibromo-3-Chloropropane	5.00	U	5.36	5.51	107	110	1	22.0-151			2.76	34
1,2-Dibromoethane	5.00	U	6.68	6.79	134	136	1	34.0-147			1.63	27
Dibromomethane	5.00	U	6.41	7.14	128	143	1	30.0-151			10.8	27
1,2-Dichlorobenzene	5.00	U	6.81	7.12	136	142	1	34.0-149			4.45	28
1,3-Dichlorobenzene	5.00	U	6.91	7.41	138	148	1	36.0-146		M1	6.98	27
1,4-Dichlorobenzene	5.00	U	6.93	7.20	139	144	1	35.0-142		M1	3.82	27
Dichlorodifluoromethane	5.00	U	8.97	9.86	179	197	1	10.0-160	M1	M1	9.45	29
1,1-Dichloroethane	5.00	U	6.82	7.38	136	148	1	25.0-158			7.89	27
1,2-Dichloroethane	5.00	U	7.24	7.76	145	155	1	29.0-151		M1	6.93	27
1,1-Dichloroethene	5.00	U	6.07	6.13	121	123	1	11.0-160			0.984	29
cis-1,2-Dichloroethene	5.00	U	5.94	6.43	119	129	1	10.0-160			7.92	27
trans-1,2-Dichloroethene	5.00	U	6.23	6.68	125	134	1	17.0-153			6.97	27
1,2-Dichloropropane	5.00	U	7.19	7.84	144	157	1	30.0-156		M1	8.65	27
1,1-Dichloropropene	5.00	U	7.03	6.93	141	139	1	25.0-158			1.43	27
1,3-Dichloropropane	5.00	U	7.15	7.37	143	147	1	38.0-147			3.03	27
cis-1,3-Dichloropropene	5.00	U	5.81	6.27	116	125	1	34.0-149			7.62	28
trans-1,3-Dichloropropene	5.00	U	6.67	6.92	133	138	1	32.0-149			3.68	28
2,2-Dichloropropane	5.00	U	5.42	5.37	108	107	1	24.0-152			0.927	29

L1713726-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713726-05 03/13/24 14:43 • (MS) R4045387-4 03/13/24 15:40 • (MSD) R4045387-5 03/13/24 15:59

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	5.93	5.75	119	115	1	51.0-139			3.08	20
Di-isopropyl ether	5.00	U	5.90	6.46	118	129	1	21.0-160			9.06	28
Ethylbenzene	5.00	U	6.21	6.46	124	129	1	30.0-155			3.95	27
4-Ethyltoluene	5.00	U	7.02	7.34	140	147	1	10.0-160			4.46	20
Hexachloro-1,3-butadiene	5.00	U	5.61	5.90	112	118	1	20.0-154			5.04	34
n-Hexane	5.00	U	6.44	6.46	129	129	1	10.0-153			0.310	28
Isopropylbenzene	5.00	U	5.89	6.14	118	123	1	28.0-157			4.16	27
p-Isopropyltoluene	5.00	U	6.71	7.00	134	140	1	30.0-154			4.23	29
2-Butanone (MEK)	25.0	U	33.6	35.9	134	144	1	10.0-160			6.62	32
Methyl Cyclohexane	5.00	U	6.00	6.69	120	134	1	11.0-160			10.9	24
Methylene Chloride	5.00	U	5.93	6.45	119	129	1	23.0-144			8.40	28
4-Methyl-2-pentanone (MIBK)	25.0	U	38.2	40.8	153	163	1	29.0-160		M1	6.58	29
Methyl tert-butyl ether	5.00	U	4.46	4.90	89.2	98.0	1	28.0-150			9.40	29
Naphthalene	5.00	U	4.47	5.36	89.4	107	1	12.0-156			18.1	35
Propene	5.00	U	3.92	4.80	78.4	96.0	1	10.0-160			20.2	29
n-Propylbenzene	5.00	U	7.32	7.52	146	150	1	31.0-154			2.70	28
Styrene	5.00	U	5.18	5.76	104	115	1	33.0-155			10.6	28
1,1,1,2-Tetrachloroethane	5.00	U	6.11	6.57	122	131	1	36.0-151			7.26	29
1,1,2,2-Tetrachloroethane	5.00	U	8.45	8.90	169	178	1	33.0-150	M1	M1	5.19	28
1,1,2-Trichlorotrifluoroethane	5.00	U	7.37	7.95	147	159	1	23.0-160			7.57	30
Tetrachloroethene	5.00	1.44	8.02	8.54	132	142	1	10.0-160			6.28	27
Toluene	5.00	U	6.42	6.85	128	137	1	26.0-154			6.48	28
1,2,3-Trichlorobenzene	5.00	U	4.55	4.88	91.0	97.6	1	17.0-150			7.00	36
1,2,4-Trichlorobenzene	5.00	U	4.52	4.66	90.4	93.2	1	24.0-150			3.05	33
1,1,1-Trichloroethane	5.00	U	7.00	7.38	140	148	1	23.0-160			5.29	28
1,1,2-Trichloroethane	5.00	U	6.78	7.02	136	140	1	35.0-147			3.48	27
Trichloroethene	5.00	U	5.88	6.47	118	129	1	10.0-160			9.55	25
Trichlorofluoromethane	5.00	U	8.19	8.42	164	168	1	17.0-160	M1	M1	2.77	31
1,2,3-Trichloropropane	5.00	U	8.37	8.69	167	174	1	34.0-151	M1	M1	3.75	29
1,2,4-Trimethylbenzene	5.00	U	6.59	6.91	132	138	1	26.0-154			4.74	27
1,2,3-Trimethylbenzene	5.00	U	6.72	6.97	134	139	1	32.0-149			3.65	28
1,3,5-Trimethylbenzene	5.00	U	6.98	7.43	140	149	1	28.0-153			6.25	27
Vinyl chloride	5.00	U	7.56	8.34	151	167	1	10.0-160		M1	9.81	27
Xylenes, Total	15.0	U	18.0	18.9	120	126	1	29.0-154			4.88	28
(S) Toluene-d8					*103*	*101*		*80.0-120*				
(S) 4-Bromofluorobenzene					*86.8*	*86.1*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*111*	*114*		*70.0-130*				

Method Blank (MB)

(MB) R4045576-3 03/13/24 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4045576-3 03/13/24 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4045576-1 03/13/24 08:51 • (LCSD) R4045576-2 03/13/24 09:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.230	0.549	36.8	87.8	30.0-160		R7	81.9	31
Acrylonitrile	0.625	0.533	0.571	85.3	91.4	45.0-153			6.88	22
Benzene	0.125	0.111	0.112	88.8	89.6	70.0-123			0.897	20
Bromobenzene	0.125	0.121	0.123	96.8	98.4	73.0-121			1.64	20
Bromodichloromethane	0.125	0.116	0.118	92.8	94.4	73.0-121			1.71	20
Bromoform	0.125	0.112	0.104	89.6	83.2	64.0-132			7.41	20
Bromomethane	0.125	0.107	0.107	85.6	85.6	56.0-147			0.000	20
1,3-Butadiene	0.125	0.128	0.129	102	103	32.0-150			0.778	20
n-Butylbenzene	0.125	0.101	0.0944	80.8	75.5	68.0-135			6.76	20
sec-Butylbenzene	0.125	0.113	0.119	90.4	95.2	74.0-130			5.17	20
tert-Butylbenzene	0.125	0.113	0.119	90.4	95.2	75.0-127			5.17	20
Carbon disulfide	0.125	0.0996	0.0980	79.7	78.4	56.0-133			1.62	20
Carbon tetrachloride	0.125	0.121	0.123	96.8	98.4	66.0-128			1.64	20
Chlorobenzene	0.125	0.120	0.122	96.0	97.6	76.0-128			1.65	20
Chlorodibromomethane	0.125	0.110	0.107	88.0	85.6	74.0-127			2.76	20
Chloroethane	0.125	0.132	0.137	106	110	61.0-134			3.72	20
Chloroform	0.125	0.110	0.113	88.0	90.4	72.0-123			2.69	20
Chloromethane	0.125	0.106	0.103	84.8	82.4	51.0-138			2.87	20
2-Chlorotoluene	0.125	0.120	0.111	96.0	88.8	75.0-124			7.79	20
4-Chlorotoluene	0.125	0.117	0.118	93.6	94.4	75.0-124			0.851	20
Cyclohexane	0.125	0.115	0.118	92.0	94.4	70.0-130			2.58	20
1,2-Dibromo-3-Chloropropane	0.125	0.0905	0.0945	72.4	75.6	59.0-130			4.32	20
1,2-Dibromoethane	0.125	0.118	0.113	94.4	90.4	74.0-128			4.33	20
Dibromomethane	0.125	0.116	0.118	92.8	94.4	75.0-122			1.71	20
1,2-Dichlorobenzene	0.125	0.102	0.108	81.6	86.4	76.0-124			5.71	20
1,3-Dichlorobenzene	0.125	0.110	0.114	88.0	91.2	76.0-125			3.57	20
1,4-Dichlorobenzene	0.125	0.108	0.111	86.4	88.8	77.0-121			2.74	20
Dichlorodifluoromethane	0.125	0.141	0.138	113	110	43.0-156			2.15	20
1,1-Dichloroethane	0.125	0.113	0.120	90.4	96.0	70.0-127			6.01	20
1,2-Dichloroethane	0.125	0.112	0.113	89.6	90.4	65.0-131			0.889	20
1,1-Dichloroethene	0.125	0.120	0.124	96.0	99.2	65.0-131			3.28	20
cis-1,2-Dichloroethene	0.125	0.104	0.111	83.2	88.8	73.0-125			6.51	20
trans-1,2-Dichloroethene	0.125	0.113	0.108	90.4	86.4	71.0-125			4.52	20
1,2-Dichloropropane	0.125	0.124	0.127	99.2	102	74.0-125			2.39	20
1,1-Dichloropropene	0.125	0.119	0.121	95.2	96.8	73.0-125			1.67	20
1,3-Dichloropropane	0.125	0.126	0.118	101	94.4	80.0-125			6.56	20
cis-1,3-Dichloropropene	0.125	0.126	0.121	101	96.8	76.0-127			4.05	20
trans-1,3-Dichloropropene	0.125	0.137	0.140	110	112	73.0-127			2.17	20
2,2-Dichloropropane	0.125	0.125	0.122	100	97.6	59.0-135			2.43	20
Dicyclopentadiene	0.125	0.120	0.121	96.0	96.8	71.0-132			0.830	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4045576-1 03/13/24 08:51 • (LCSD) R4045576-2 03/13/24 09:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.107	0.107	85.6	85.6	60.0-136			0.000	20
Ethylbenzene	0.125	0.114	0.113	91.2	90.4	74.0-126			0.881	20
4-Ethyltoluene	0.125	0.114	0.121	91.2	96.8	71.0-129			5.96	20
Hexachloro-1,3-butadiene	0.125	0.0917	0.102	73.4	81.6	57.0-150			10.6	20
n-Hexane	0.125	0.110	0.110	88.0	88.0	55.0-137			0.000	20
Isopropylbenzene	0.125	0.111	0.107	88.8	85.6	72.0-127			3.67	20
p-Isopropyltoluene	0.125	0.107	0.110	85.6	88.0	72.0-133			2.76	20
2-Butanone (MEK)	0.625	0.569	0.610	91.0	97.6	30.0-160			6.96	24
Methylene Chloride	0.125	0.0991	0.103	79.3	82.4	68.0-123			3.86	20
4-Methyl-2-pentanone (MIBK)	0.625	0.597	0.602	95.5	96.3	56.0-143			0.834	20
Methyl tert-butyl ether	0.125	0.108	0.108	86.4	86.4	66.0-132			0.000	20
Methyl Cyclohexane	0.125	0.110	0.119	88.0	95.2	67.0-129			7.86	20
Naphthalene	0.125	0.0757	0.0804	60.6	64.3	59.0-130			6.02	20
Propene	0.125	0.0983	0.0837	78.6	67.0	30.0-160			16.0	20
n-Propylbenzene	0.125	0.116	0.123	92.8	98.4	74.0-126			5.86	20
Styrene	0.125	0.112	0.110	89.6	88.0	72.0-127			1.80	20
1,1,1,2-Tetrachloroethane	0.125	0.105	0.110	84.0	88.0	74.0-129			4.65	20
1,1,2,2-Tetrachloroethane	0.125	0.111	0.120	88.8	96.0	68.0-128			7.79	20
1,1,2-Trichlorotrifluoroethane	0.125	0.112	0.114	89.6	91.2	61.0-139			1.77	20
Tetrachloroethene	0.125	0.139	0.138	111	110	70.0-136			0.722	20
Toluene	0.125	0.123	0.121	98.4	96.8	75.0-121			1.64	20
1,2,3-Trichlorobenzene	0.125	0.0802	0.0786	64.2	62.9	59.0-139			2.02	20
1,2,4-Trichlorobenzene	0.125	0.0814	0.0870	65.1	69.6	62.0-137			6.65	20
1,1,1-Trichloroethane	0.125	0.116	0.117	92.8	93.6	69.0-126			0.858	20
1,1,2-Trichloroethane	0.125	0.131	0.126	105	101	78.0-123			3.89	20
Trichloroethene	0.125	0.117	0.123	93.6	98.4	76.0-126			5.00	20
Trichlorofluoromethane	0.125	0.129	0.124	103	99.2	61.0-142			3.95	20
1,2,3-Trichloropropane	0.125	0.118	0.114	94.4	91.2	67.0-129			3.45	20
1,2,4-Trimethylbenzene	0.125	0.101	0.106	80.8	84.8	70.0-126			4.83	20
1,2,3-Trimethylbenzene	0.125	0.106	0.110	84.8	88.0	74.0-124			3.70	20
1,3,5-Trimethylbenzene	0.125	0.112	0.120	89.6	96.0	73.0-127			6.90	20
Vinyl chloride	0.125	0.138	0.144	110	115	63.0-134			4.26	20
Xylenes, Total	0.375	0.350	0.344	93.3	91.7	72.0-127			1.73	20
(S) Toluene-d8				*103*	*98.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*96.6*	*94.6*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*97.1*	*100*	*70.0-130*				

Method Blank (MB)

(MB) R4046025-3 03/14/24 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4046025-3 03/14/24 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*110*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046025-1 03/14/24 08:48 • (LCSD) R4046025-2 03/14/24 09:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.418	0.459	66.9	73.4	30.0-160			9.35	31
Acrylonitrile	0.625	0.570	0.484	91.2	77.4	45.0-153			16.3	22
Benzene	0.125	0.132	0.129	106	103	70.0-123			2.30	20
Bromobenzene	0.125	0.155	0.148	124	118	73.0-121	L1		4.62	20
Bromodichloromethane	0.125	0.123	0.121	98.4	96.8	73.0-121			1.64	20
Bromoform	0.125	0.123	0.126	98.4	101	64.0-132			2.41	20
Bromomethane	0.125	0.125	0.111	100	88.8	56.0-147			11.9	20
1,3-Butadiene	0.125	0.126	0.124	101	99.2	32.0-150			1.60	20
n-Butylbenzene	0.125	0.104	0.115	83.2	92.0	68.0-135			10.0	20
sec-Butylbenzene	0.125	0.126	0.124	101	99.2	74.0-130			1.60	20
tert-Butylbenzene	0.125	0.142	0.138	114	110	75.0-127			2.86	20
Carbon disulfide	0.125	0.113	0.107	90.4	85.6	56.0-133			5.45	20
Carbon tetrachloride	0.125	0.132	0.120	106	96.0	66.0-128			9.52	20
Chlorobenzene	0.125	0.143	0.140	114	112	76.0-128			2.12	20
Chlorodibromomethane	0.125	0.114	0.121	91.2	96.8	74.0-127			5.96	20
Chloroethane	0.125	0.106	0.0973	84.8	77.8	61.0-134			8.56	20
Chloroform	0.125	0.108	0.104	86.4	83.2	72.0-123			3.77	20
Chloromethane	0.125	0.113	0.113	90.4	90.4	51.0-138			0.000	20
2-Chlorotoluene	0.125	0.116	0.121	92.8	96.8	75.0-124			4.22	20
4-Chlorotoluene	0.125	0.119	0.118	95.2	94.4	75.0-124			0.844	20
Cyclohexane	0.125	0.111	0.0871	88.8	69.7	70.0-130		L2 R7	24.1	20
1,2-Dibromo-3-Chloropropane	0.125	0.0845	0.0992	67.6	79.4	59.0-130			16.0	20
1,2-Dibromoethane	0.125	0.124	0.116	99.2	92.8	74.0-128			6.67	20
Dibromomethane	0.125	0.119	0.105	95.2	84.0	75.0-122			12.5	20
1,2-Dichlorobenzene	0.125	0.134	0.131	107	105	76.0-124			2.26	20
1,3-Dichlorobenzene	0.125	0.135	0.131	108	105	76.0-125			3.01	20
1,4-Dichlorobenzene	0.125	0.134	0.132	107	106	77.0-121			1.50	20
Dichlorodifluoromethane	0.125	0.127	0.114	102	91.2	43.0-156			10.8	20
1,1-Dichloroethane	0.125	0.113	0.111	90.4	88.8	70.0-127			1.79	20
1,2-Dichloroethane	0.125	0.118	0.109	94.4	87.2	65.0-131			7.93	20
1,1-Dichloroethene	0.125	0.118	0.108	94.4	86.4	65.0-131			8.85	20
cis-1,2-Dichloroethene	0.125	0.118	0.110	94.4	88.0	73.0-125			7.02	20
trans-1,2-Dichloroethene	0.125	0.116	0.115	92.8	92.0	71.0-125			0.866	20
1,2-Dichloropropane	0.125	0.103	0.116	82.4	92.8	74.0-125			11.9	20
1,1-Dichloropropene	0.125	0.122	0.116	97.6	92.8	73.0-125			5.04	20
1,3-Dichloropropane	0.125	0.126	0.127	101	102	80.0-125			0.791	20
cis-1,3-Dichloropropene	0.125	0.114	0.113	91.2	90.4	76.0-127			0.881	20
trans-1,3-Dichloropropene	0.125	0.122	0.115	97.6	92.0	73.0-127			5.91	20
2,2-Dichloropropane	0.125	0.123	0.117	98.4	93.6	59.0-135			5.00	20
Dicyclopentadiene	0.125	0.125	0.122	100	97.6	71.0-132			2.43	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046025-1 03/14/24 08:48 • (LCSD) R4046025-2 03/14/24 09:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.118	0.106	94.4	84.8	60.0-136			10.7	20
Ethylbenzene	0.125	0.141	0.134	113	107	74.0-126			5.09	20
4-Ethyltoluene	0.125	0.129	0.126	103	101	71.0-129			2.35	20
Hexachloro-1,3-butadiene	0.125	0.134	0.121	107	96.8	57.0-150			10.2	20
n-Hexane	0.125	0.0972	0.108	77.8	86.4	55.0-137			10.5	20
Isopropylbenzene	0.125	0.136	0.124	109	99.2	72.0-127			9.23	20
p-Isopropyltoluene	0.125	0.133	0.130	106	104	72.0-133			2.28	20
2-Butanone (MEK)	0.625	0.458	0.517	73.3	82.7	30.0-160			12.1	24
Methylene Chloride	0.125	0.124	0.114	99.2	91.2	68.0-123			8.40	20
4-Methyl-2-pentanone (MIBK)	0.625	0.646	0.635	103	102	56.0-143			1.72	20
Methyl tert-butyl ether	0.125	0.118	0.118	94.4	94.4	66.0-132			0.000	20
Methyl Cyclohexane	0.125	0.0896	0.0967	71.7	77.4	67.0-129			7.62	20
Naphthalene	0.125	0.101	0.0979	80.8	78.3	59.0-130			3.12	20
Propene	0.125	0.118	0.0841	94.4	67.3	30.0-160		R7	33.5	20
n-Propylbenzene	0.125	0.141	0.118	113	94.4	74.0-126			17.8	20
Styrene	0.125	0.111	0.119	88.8	95.2	72.0-127			6.96	20
1,1,1,2-Tetrachloroethane	0.125	0.130	0.114	104	91.2	74.0-129			13.1	20
1,1,2,2-Tetrachloroethane	0.125	0.126	0.117	101	93.6	68.0-128			7.41	20
1,1,2-Trichlorotrifluoroethane	0.125	0.107	0.100	85.6	80.0	61.0-139			6.76	20
Tetrachloroethene	0.125	0.158	0.163	126	130	70.0-136			3.12	20
Toluene	0.125	0.139	0.136	111	109	75.0-121			2.18	20
1,2,3-Trichlorobenzene	0.125	0.105	0.116	84.0	92.8	59.0-139			9.95	20
1,2,4-Trichlorobenzene	0.125	0.129	0.127	103	102	62.0-137			1.56	20
1,1,1-Trichloroethane	0.125	0.129	0.121	103	96.8	69.0-126			6.40	20
1,1,2-Trichloroethane	0.125	0.127	0.129	102	103	78.0-123			1.56	20
Trichloroethene	0.125	0.115	0.119	92.0	95.2	76.0-126			3.42	20
Trichlorofluoromethane	0.125	0.110	0.101	88.0	80.8	61.0-142			8.53	20
1,2,3-Trichloropropane	0.125	0.119	0.106	95.2	84.8	67.0-129			11.6	20
1,2,4-Trimethylbenzene	0.125	0.126	0.119	101	95.2	70.0-126			5.71	20
1,2,3-Trimethylbenzene	0.125	0.121	0.116	96.8	92.8	74.0-124			4.22	20
1,3,5-Trimethylbenzene	0.125	0.124	0.120	99.2	96.0	73.0-127			3.28	20
Vinyl chloride	0.125	0.106	0.106	84.8	84.8	63.0-134			0.000	20
Xylenes, Total	0.375	0.392	0.379	105	101	72.0-127			3.37	20
(S) Toluene-d8				*104*	*105*	*75.0-131*				
(S) 4-Bromofluorobenzene				*94.7*	*91.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*94.8*	*91.1*	*70.0-130*				

Method Blank (MB)

(MB) R4046112-2 03/14/24 10:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Toluene	U		0.0325	0.125
(S) Toluene-d8	*95.9*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046112-1 03/14/24 09:44 • (LCSD) R4046112-3 03/14/24 11:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	0.125	0.124	0.126	99.2	101	75.0-121			1.60	20
(S) Toluene-d8				*92.9*	*93.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*95.3*	*97.0*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*114*	*118*	*70.0-130*				

Method Blank (MB)

(MB) R4046752-3 03/15/24 18:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.0117	0.0250
Cyclohexane	U		0.0278	0.0625
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
n-Hexane	U		0.0565	0.125
Methyl Cyclohexane	U		0.0515	0.125
Toluene	U		0.0325	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046752-1 03/15/24 17:03 • (LCSD) R4046752-2 03/15/24 17:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.127	0.133	102	106	70.0-123			4.62	20
Cyclohexane	0.125	0.121	0.124	96.8	99.2	70.0-130			2.45	20
Ethylbenzene	0.125	0.127	0.134	102	107	74.0-126			5.36	20
4-Ethyltoluene	0.125	0.136	0.131	109	105	71.0-129			3.75	20
n-Hexane	0.125	0.110	0.129	88.0	103	55.0-137			15.9	20
Methyl Cyclohexane	0.125	0.132	0.145	106	116	67.0-129			9.39	20
Toluene	0.125	0.125	0.130	100	104	75.0-121			3.92	20
1,2,4-Trimethylbenzene	0.125	0.129	0.129	103	103	70.0-126			0.000	20
Xylenes, Total	0.375	0.385	0.408	103	109	72.0-127			5.80	20
(S) Toluene-d8				*101*	*98.0*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.6*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*101*	*101*	*70.0-130*				

Method Blank (MB)

(MB) R4046756-3 03/15/24 18:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Toluene	U		0.0325	0.125
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4046756-1 03/15/24 17:03 • (LCSD) R4046756-2 03/15/24 17:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	0.125	0.125	0.130	100	104	75.0-121			3.92	20
(S) Toluene-d8				*101*	*98.0*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.6*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*101*	*101*	*70.0-130*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS37 • File ID: 0314_02

03/14/24 08:48

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0314_02	714047	304692.80	323753.80
Upper Limit		1428094	609386	647508
Lower Limit		357024	152346	161877
LCS R4046025-1 WG2246636 1x	0314_02LCS	714047	304692.80	323753.80
LCSD R4046025-2 WG2246636 1x	0314_03	734650	312546.90	321817.20
BLANK R4046025-3 WG2246636 1x	0314_07	724164.90	305592.60	276721.80
L1713632-05 WG2246636 1x	0314_09	799999.80	337358.60	352291.90
L1713632-06 WG2246636 20x	0314_21	841470.70	388927.90	387885.10
L1713632-07 WG2246636 20x	0314_22	873492.10	375132.50	374377.70
L1713632-08 WG2246636 40x	0314_23	885493.90	362329.20	387281.70
L1713632-09 WG2246636 40x	0314_24	846535.10	348034.20	364915.40
L1713632-10 WG2246636 8x	0314_25	813592.30	328347.30	330172
L1713632-11 WG2246636 40x	0314_26	916984.20	365262.80	401407.80
L1713632-12 WG2246636 40x	0314_27	835180.40	344512.30	346254.70

Instrument: VOCMS56 • File ID: 0315_03

03/15/24 17:03

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0315_03	1248212	553457.80	392729.70
Upper Limit		2496424	1106916	785459
Lower Limit		624106	276729	196365
LCS R4046756-1 WG2247728 1x	0315_03LCSB	1248212	553457.80	392729.70
LCS R4046752-1 WG2247535 1x	0315_03LCSC	1248212	553457.80	392729.70
LCSD R4046756-2 WG2247728 1x	0315_04B	1223424	558007.20	458164.30
LCSD R4046752-2 WG2247535 1x	0315_04C	1223424	558007.20	458164.30
BLANK R4046756-3 WG2247728 1x	0315_08B	1309909	559435.10	430710.50
BLANK R4046752-3 WG2247535 1x	0315_08C	1309909	559435.10	430710.50
L1713632-05 WG2247728 10x	0315_17	1392217	606516.40	453091.20
L1713632-06 WG2247535 400x	0315_23	1351087	597586.90	457283.30
L1713632-07 WG2247535 200x	0315_24	1374655	623095.50	485001
L1713632-08 WG2247535 800x	0315_25	1344355	590851.70	458785.90
L1713632-09 WG2247535 400x	0315_26	1348408	596494.30	448783.20
L1713632-11 WG2247535 1000x	0315_27	1353987	599218.10	466341.60
L1713632-12 WG2247535 200x	0315_28	1307290	609837.40	486816.50

INTERNAL STANDARD SUMMARY

Instrument: VOCMS59 • File ID: 0313_02

03/13/24 08:51

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0313_02	610580.50	272189.80	307948.80
Upper Limit		1221161	544380	615898
Lower Limit		305290	136095	153974
LCS R4045576-1 WG2245882 1x	0313_02LCSA	610580.50	272189.80	307948.80
LCSD R4045576-2 WG2245882 1x	0313_03A	582147.10	271913.80	291249
BLANK R4045576-3 WG2245882 1x	0313_07A	618281.50	262667.30	263917.70
L1713632-01 WG2245882 1x	0313_27	687329.80	314540.90	295999.20
L1713632-02 WG2245882 1x	0313_28	675379.80	286557.30	291956.20
L1713632-03 WG2245882 1x	0313_29	696132.80	301027.40	299357.50
L1713632-04 WG2245882 1x	0313_30	673187.90	288440.20	295476.70

INTERNAL STANDARD SUMMARY

Instrument: VOCMS32 • File ID: 0313_02

03/13/24 06:33

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0313_02	120747	49303	40891
Upper Limit		241494	98606	81782
Lower Limit		60374	24652	20446
LCS R4045387-1 WG2245628 1x	0313_02LCS	120747	49303	40891
LCSD R4045387-2 WG2245628 1x	0313_03	121907	49078	40015
BLANK R4045387-3 WG2245628 1x	0313_05	117018	45932	35158
L1713632-13 WG2245628 1x	0313_09	119838	47105	36956
MS R4045387-4 WG2245628 1x	0313_27	113677	45808	36285
MSD R4045387-5 WG2245628 1x	0313_28	113795	47151	37678

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Encore Consulting, LLC.
950 W Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 W Elliot Rd.
Tempe, AZ, 85284

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Makinna Balaiko

Email To: shanda@encore-consulting.net

Project Description: Circle K Store No. 2705326

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

SDG # L1713632

A026

Phone: 480-258-1778

Client Project # CK 2705326

Lab Project # ENCORETAZ-2705326

Collected by (print): Makinna Balaiko

Site/Facility ID # CK 2705326

P.O. # CK 2705326

Acctnum: ENCORETAZ

Template:

Prelogin:

PM:

PB:

Collected by (signature): Makinna Balaiko

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: normal TAT

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC - 40 mL HCl preserved	Soil PAH - 4 oz glass jar	Remarks	Sample # (lab only)
SB-6-5	G	SS	5	3/8/24	0847	2	X	X		-01
SB-6-10	G	SS	10	3/8/24	0917	2	X	X		-02
SB-6-15	G	SS	15	3/8/24	0930	2	X	X		-03
SB-6-20	G	SS	20	3/8/24	0937	2	X	X		-04
SB-6-25	G	SS	25	3/8/24	0948	2	X	X		-05
SB-6-30	G	SS	30	3/8/24	1050	2	X	X		-06
SB-6-35	G	SS	35	3/8/24	1102	2	X	X		-07
SB-6-40	G	SS	40	3/8/24	1116	2	X	X		-08
SB-6-45	G	SS	45	3/8/24	1132	2	X	X		-09
SB-6-50	G	SS	50	3/8/24	1151	2	X	X		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: ~~Whole PAHs~~ MB hold PAHs

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Makinna Balaiko	3/8/24	1250		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.0+0.4=4.4 °C TLAG	Bottles Received: 24
	3/8/24	1536			
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
	3/8/24	1800	SNA	03.09.24	0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Encore Consulting, LLC.
950 W Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 W Elliot Rd
Tempe, AZ 85284

Report to: Makinna Balasko

Email To: shanda@encore-consulting.net

Project Description: Circle K Store No. 2705326

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: 480-258-1778

Client Project # CK2705326

Lab Project # ENCORETAZ-2705326

Collected by (print): Makinna Balasko

Site/Facility ID # CK2705326

P.O. # CK2705326

Collected by (signature): Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: normal TAT

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC - 40 mL amb - HCl	Soil PAH - 4oz glass jar									Remarks	Sample # (lab only)
SB-6-5S	G	SS	5S	3/8/24	1207	2	X	X										-11
SB-6-60	G	SS	60	3/8/24	1225	2	X	X										-12
trip blank	—	—	—	—	—	1	X											-13

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1713632

Table #

Acctnum: ENCORETAZ

Template:

Prelogin:

PM:

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: hold PAHs

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Makinna Balasko	3/8/24	1250		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.0+0=4.0 °C TLAG	Bottles Received: 24
	3/8/24	1536			
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 03.09.24	Time: 0810
	3/8/24	1800	SMA		

Hold: Condition: NCF / OK

ANALYTICAL REPORT

March 22, 2024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

EnCore Consulting, LLC.

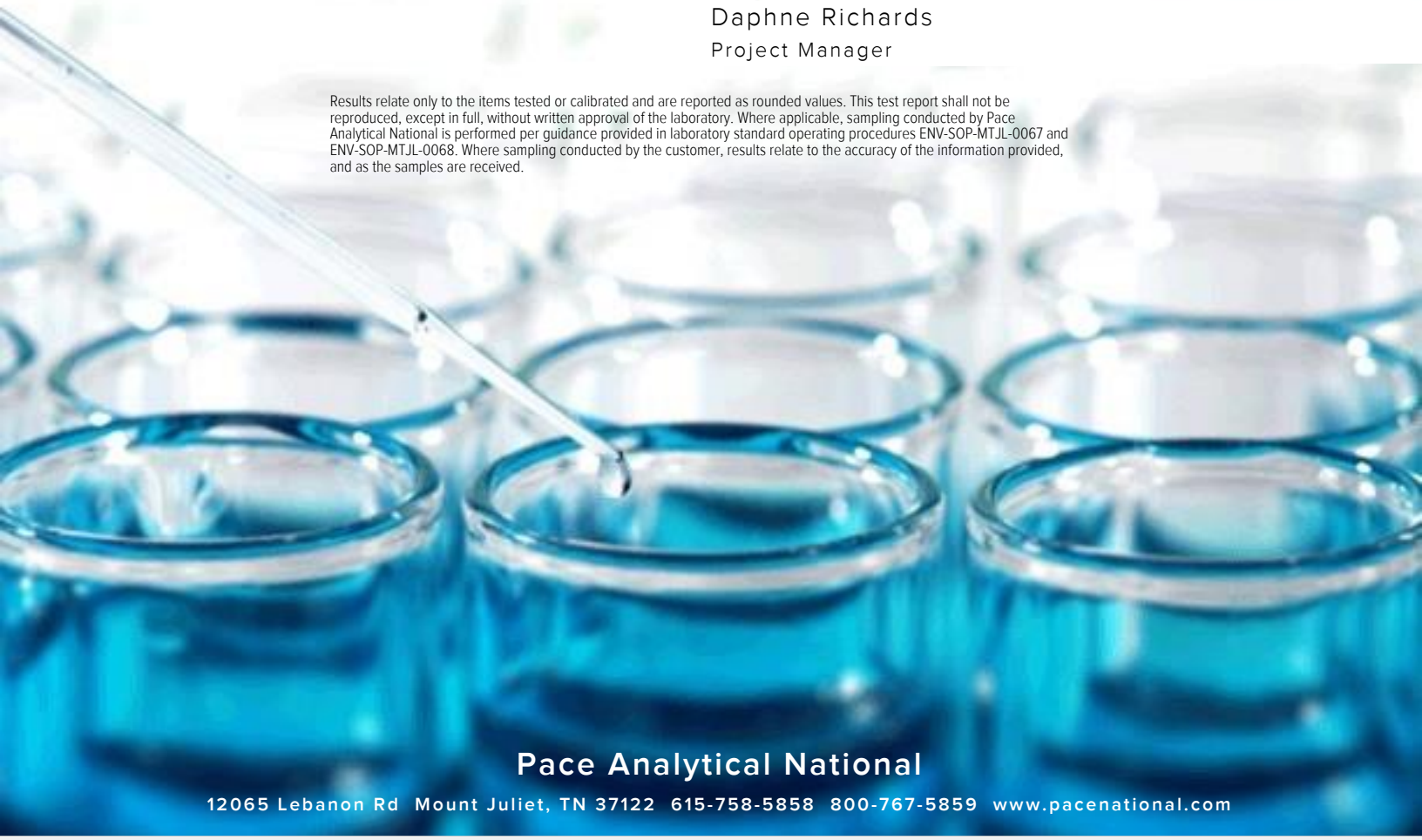
Sample Delivery Group:	L1716554
Samples Received:	03/19/2024
Project Number:	2705326
Description:	Circle K Store 2705326
Site:	CK5326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

SB7-GW-163 L1716554-01 GW

Collected by: Shanda Wagner
Collected date/time: 03/15/24 08:13
Received date/time: 03/19/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251625	1	03/22/24 07:30	03/22/24 07:30	ACG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2249979	1	03/20/24 05:45	03/21/24 02:59	JRM	Mt. Juliet, TN

TRIP BLANK L1716554-02 GW

Collected by: Shanda Wagner
Collected date/time: 03/15/24 08:13
Received date/time: 03/19/24 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251625	1	03/22/24 06:28	03/22/24 06:28	ACG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1716554-01	SB7-GW-163	8260B
L1716554-02	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/22/2024 07:30	WG2251625
Acrolein	U		2.54	50.0	1	03/22/2024 07:30	WG2251625
Acrylonitrile	U		0.671	10.0	1	03/22/2024 07:30	WG2251625
Benzene	U		0.0941	1.00	1	03/22/2024 07:30	WG2251625
Bromobenzene	U		0.118	1.00	1	03/22/2024 07:30	WG2251625
Bromodichloromethane	U		0.136	1.00	1	03/22/2024 07:30	WG2251625
Bromoform	U		0.129	1.00	1	03/22/2024 07:30	WG2251625
Bromomethane	U		0.605	5.00	1	03/22/2024 07:30	WG2251625
1,3-Butadiene	U		0.299	2.00	1	03/22/2024 07:30	WG2251625
n-Butylbenzene	U	L2	0.157	1.00	1	03/22/2024 07:30	WG2251625
sec-Butylbenzene	U		0.125	1.00	1	03/22/2024 07:30	WG2251625
tert-Butylbenzene	U		0.127	1.00	1	03/22/2024 07:30	WG2251625
Carbon tetrachloride	U		0.128	1.00	1	03/22/2024 07:30	WG2251625
Carbon disulfide	U		0.0962	1.00	1	03/22/2024 07:30	WG2251625
Chlorobenzene	U		0.116	1.00	1	03/22/2024 07:30	WG2251625
Chlorodibromomethane	U		0.140	1.00	1	03/22/2024 07:30	WG2251625
Chloroethane	U	L1	0.192	5.00	1	03/22/2024 07:30	WG2251625
Chloroform	U		0.111	5.00	1	03/22/2024 07:30	WG2251625
Chloromethane	U		0.960	2.50	1	03/22/2024 07:30	WG2251625
Cyclohexane	U		0.188	1.00	1	03/22/2024 07:30	WG2251625
2-Chlorotoluene	U		0.106	1.00	1	03/22/2024 07:30	WG2251625
4-Chlorotoluene	U		0.114	1.00	1	03/22/2024 07:30	WG2251625
1,2-Dibromo-3-Chloropropane	U	R7	0.276	5.00	1	03/22/2024 07:30	WG2251625
1,2-Dibromoethane	U		0.126	1.00	1	03/22/2024 07:30	WG2251625
Dibromomethane	U	L1	0.122	1.00	1	03/22/2024 07:30	WG2251625
1,2-Dichlorobenzene	U		0.107	1.00	1	03/22/2024 07:30	WG2251625
1,3-Dichlorobenzene	U		0.110	1.00	1	03/22/2024 07:30	WG2251625
1,4-Dichlorobenzene	U		0.120	1.00	1	03/22/2024 07:30	WG2251625
Dichlorodifluoromethane	U		0.374	5.00	1	03/22/2024 07:30	WG2251625
1,1-Dichloroethane	U		0.100	1.00	1	03/22/2024 07:30	WG2251625
1,2-Dichloroethane	U		0.0819	1.00	1	03/22/2024 07:30	WG2251625
1,1-Dichloroethene	U		0.188	1.00	1	03/22/2024 07:30	WG2251625
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/22/2024 07:30	WG2251625
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/22/2024 07:30	WG2251625
1,2-Dichloropropane	U		0.149	1.00	1	03/22/2024 07:30	WG2251625
1,1-Dichloropropene	U		0.142	1.00	1	03/22/2024 07:30	WG2251625
1,3-Dichloropropane	U		0.110	1.00	1	03/22/2024 07:30	WG2251625
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/22/2024 07:30	WG2251625
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/22/2024 07:30	WG2251625
2,2-Dichloropropane	U		0.161	1.00	1	03/22/2024 07:30	WG2251625
Dicyclopentadiene	U		0.253	1.00	1	03/22/2024 07:30	WG2251625
Di-isopropyl ether	U		0.105	1.00	1	03/22/2024 07:30	WG2251625
Ethylbenzene	U		0.137	1.00	1	03/22/2024 07:30	WG2251625
4-Ethyltoluene	U		0.208	1.00	1	03/22/2024 07:30	WG2251625
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/22/2024 07:30	WG2251625
n-Hexane	U		0.749	10.0	1	03/22/2024 07:30	WG2251625
Isopropylbenzene	U		0.105	1.00	1	03/22/2024 07:30	WG2251625
p-Isopropyltoluene	U		0.120	1.00	1	03/22/2024 07:30	WG2251625
2-Butanone (MEK)	U		1.19	10.0	1	03/22/2024 07:30	WG2251625
Methyl Cyclohexane	U		0.660	1.00	1	03/22/2024 07:30	WG2251625
Methylene Chloride	U		0.430	5.00	1	03/22/2024 07:30	WG2251625
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/22/2024 07:30	WG2251625
Methyl tert-butyl ether	U		0.101	1.00	1	03/22/2024 07:30	WG2251625
Naphthalene	U		1.00	5.00	1	03/22/2024 07:30	WG2251625
Propene	U		0.936	2.50	1	03/22/2024 07:30	WG2251625
n-Propylbenzene	U		0.0993	1.00	1	03/22/2024 07:30	WG2251625

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/22/2024 07:30	WG2251625
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/22/2024 07:30	WG2251625
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/22/2024 07:30	WG2251625
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/22/2024 07:30	WG2251625
Tetrachloroethene	U		0.300	1.00	1	03/22/2024 07:30	WG2251625
Toluene	U		0.278	1.00	1	03/22/2024 07:30	WG2251625
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/22/2024 07:30	WG2251625
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/22/2024 07:30	WG2251625
1,1,1-Trichloroethane	U		0.149	1.00	1	03/22/2024 07:30	WG2251625
1,1,2-Trichloroethane	U		0.158	1.00	1	03/22/2024 07:30	WG2251625
Trichloroethene	U		0.190	1.00	1	03/22/2024 07:30	WG2251625
Trichlorofluoromethane	U		0.160	5.00	1	03/22/2024 07:30	WG2251625
1,2,3-Trichloropropane	U		0.237	2.50	1	03/22/2024 07:30	WG2251625
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/22/2024 07:30	WG2251625
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/22/2024 07:30	WG2251625
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/22/2024 07:30	WG2251625
Vinyl chloride	U		0.234	1.00	1	03/22/2024 07:30	WG2251625
Xylenes, Total	U		0.174	3.00	1	03/22/2024 07:30	WG2251625
Ethanol	U		42.0	100	1	03/22/2024 07:30	WG2251625
(S) Toluene-d8	*97.4*			*80.0-120*		*03/22/2024 07:30*	WG2251625
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*03/22/2024 07:30*	WG2251625
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*03/22/2024 07:30*	WG2251625

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	U		0.0190	0.0500	1	03/21/2024 02:59	WG2249979
Acenaphthene	U		0.0190	0.0500	1	03/21/2024 02:59	WG2249979
Acenaphthylene	U		0.0171	0.0500	1	03/21/2024 02:59	WG2249979
Benzo(a)anthracene	U		0.0203	0.0500	1	03/21/2024 02:59	WG2249979
Benzo(a)pyrene	U		0.0184	0.0500	1	03/21/2024 02:59	WG2249979
Benzo(b)fluoranthene	U		0.0168	0.0500	1	03/21/2024 02:59	WG2249979
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	03/21/2024 02:59	WG2249979
Benzo(k)fluoranthene	U		0.0202	0.0500	1	03/21/2024 02:59	WG2249979
Chrysene	U		0.0179	0.0500	1	03/21/2024 02:59	WG2249979
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	03/21/2024 02:59	WG2249979
Fluoranthene	U		0.0270	0.100	1	03/21/2024 02:59	WG2249979
Fluorene	U		0.0169	0.0500	1	03/21/2024 02:59	WG2249979
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	03/21/2024 02:59	WG2249979
Naphthalene	U		0.0917	0.250	1	03/21/2024 02:59	WG2249979
Phenanthrene	U		0.0180	0.0500	1	03/21/2024 02:59	WG2249979
Pyrene	U		0.0169	0.0500	1	03/21/2024 02:59	WG2249979
1-Methylnaphthalene	U		0.0687	0.250	1	03/21/2024 02:59	WG2249979
2-Methylnaphthalene	U		0.0674	0.250	1	03/21/2024 02:59	WG2249979
2-Chloronaphthalene	U		0.0682	0.250	1	03/21/2024 02:59	WG2249979
(S) Nitrobenzene-d5	*103*			*31.0-160*		*03/21/2024 02:59*	WG2249979
(S) 2-Fluorobiphenyl	*95.3*			*48.0-148*		*03/21/2024 02:59*	WG2249979
(S) p-Terphenyl-d14	*78.9*			*37.0-146*		*03/21/2024 02:59*	WG2249979

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/22/2024 06:28	WG2251625
Acrolein	U		2.54	50.0	1	03/22/2024 06:28	WG2251625
Acrylonitrile	U		0.671	10.0	1	03/22/2024 06:28	WG2251625
Benzene	U		0.0941	1.00	1	03/22/2024 06:28	WG2251625
Bromobenzene	U		0.118	1.00	1	03/22/2024 06:28	WG2251625
Bromodichloromethane	U		0.136	1.00	1	03/22/2024 06:28	WG2251625
Bromoform	U		0.129	1.00	1	03/22/2024 06:28	WG2251625
Bromomethane	U		0.605	5.00	1	03/22/2024 06:28	WG2251625
1,3-Butadiene	U		0.299	2.00	1	03/22/2024 06:28	WG2251625
n-Butylbenzene	U	L2	0.157	1.00	1	03/22/2024 06:28	WG2251625
sec-Butylbenzene	U		0.125	1.00	1	03/22/2024 06:28	WG2251625
tert-Butylbenzene	U		0.127	1.00	1	03/22/2024 06:28	WG2251625
Carbon tetrachloride	U		0.128	1.00	1	03/22/2024 06:28	WG2251625
Carbon disulfide	U		0.0962	1.00	1	03/22/2024 06:28	WG2251625
Chlorobenzene	U		0.116	1.00	1	03/22/2024 06:28	WG2251625
Chlorodibromomethane	U		0.140	1.00	1	03/22/2024 06:28	WG2251625
Chloroethane	U	L1	0.192	5.00	1	03/22/2024 06:28	WG2251625
Chloroform	U		0.111	5.00	1	03/22/2024 06:28	WG2251625
Chloromethane	U		0.960	2.50	1	03/22/2024 06:28	WG2251625
Cyclohexane	U		0.188	1.00	1	03/22/2024 06:28	WG2251625
2-Chlorotoluene	U		0.106	1.00	1	03/22/2024 06:28	WG2251625
4-Chlorotoluene	U		0.114	1.00	1	03/22/2024 06:28	WG2251625
1,2-Dibromo-3-Chloropropane	U	R7	0.276	5.00	1	03/22/2024 06:28	WG2251625
1,2-Dibromoethane	U		0.126	1.00	1	03/22/2024 06:28	WG2251625
Dibromomethane	U	L1	0.122	1.00	1	03/22/2024 06:28	WG2251625
1,2-Dichlorobenzene	U		0.107	1.00	1	03/22/2024 06:28	WG2251625
1,3-Dichlorobenzene	U		0.110	1.00	1	03/22/2024 06:28	WG2251625
1,4-Dichlorobenzene	U		0.120	1.00	1	03/22/2024 06:28	WG2251625
Dichlorodifluoromethane	U		0.374	5.00	1	03/22/2024 06:28	WG2251625
1,1-Dichloroethane	U		0.100	1.00	1	03/22/2024 06:28	WG2251625
1,2-Dichloroethane	U		0.0819	1.00	1	03/22/2024 06:28	WG2251625
1,1-Dichloroethene	U		0.188	1.00	1	03/22/2024 06:28	WG2251625
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/22/2024 06:28	WG2251625
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/22/2024 06:28	WG2251625
1,2-Dichloropropane	U		0.149	1.00	1	03/22/2024 06:28	WG2251625
1,1-Dichloropropene	U		0.142	1.00	1	03/22/2024 06:28	WG2251625
1,3-Dichloropropane	U		0.110	1.00	1	03/22/2024 06:28	WG2251625
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/22/2024 06:28	WG2251625
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/22/2024 06:28	WG2251625
2,2-Dichloropropane	U		0.161	1.00	1	03/22/2024 06:28	WG2251625
Dicyclopentadiene	U		0.253	1.00	1	03/22/2024 06:28	WG2251625
Di-isopropyl ether	U		0.105	1.00	1	03/22/2024 06:28	WG2251625
Ethylbenzene	U		0.137	1.00	1	03/22/2024 06:28	WG2251625
4-Ethyltoluene	U		0.208	1.00	1	03/22/2024 06:28	WG2251625
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/22/2024 06:28	WG2251625
n-Hexane	U		0.749	10.0	1	03/22/2024 06:28	WG2251625
Isopropylbenzene	U		0.105	1.00	1	03/22/2024 06:28	WG2251625
p-Isopropyltoluene	U		0.120	1.00	1	03/22/2024 06:28	WG2251625
2-Butanone (MEK)	U		1.19	10.0	1	03/22/2024 06:28	WG2251625
Methyl Cyclohexane	U		0.660	1.00	1	03/22/2024 06:28	WG2251625
Methylene Chloride	U		0.430	5.00	1	03/22/2024 06:28	WG2251625
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/22/2024 06:28	WG2251625
Methyl tert-butyl ether	U		0.101	1.00	1	03/22/2024 06:28	WG2251625
Naphthalene	U		1.00	5.00	1	03/22/2024 06:28	WG2251625
Propene	U		0.936	2.50	1	03/22/2024 06:28	WG2251625
n-Propylbenzene	U		0.0993	1.00	1	03/22/2024 06:28	WG2251625

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/22/2024 06:28	WG2251625
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/22/2024 06:28	WG2251625
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/22/2024 06:28	WG2251625
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/22/2024 06:28	WG2251625
Tetrachloroethene	U		0.300	1.00	1	03/22/2024 06:28	WG2251625
Toluene	U		0.278	1.00	1	03/22/2024 06:28	WG2251625
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/22/2024 06:28	WG2251625
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/22/2024 06:28	WG2251625
1,1,1-Trichloroethane	U		0.149	1.00	1	03/22/2024 06:28	WG2251625
1,1,2-Trichloroethane	U		0.158	1.00	1	03/22/2024 06:28	WG2251625
Trichloroethene	U		0.190	1.00	1	03/22/2024 06:28	WG2251625
Trichlorofluoromethane	U		0.160	5.00	1	03/22/2024 06:28	WG2251625
1,2,3-Trichloropropane	U		0.237	2.50	1	03/22/2024 06:28	WG2251625
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/22/2024 06:28	WG2251625
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/22/2024 06:28	WG2251625
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/22/2024 06:28	WG2251625
Vinyl chloride	U		0.234	1.00	1	03/22/2024 06:28	WG2251625
Xylenes, Total	U		0.174	3.00	1	03/22/2024 06:28	WG2251625
Ethanol	U		42.0	100	1	03/22/2024 06:28	WG2251625
(S) Toluene-d8	*98.9*			*80.0-120*		*03/22/2024 06:28*	WG2251625
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*		*03/22/2024 06:28*	WG2251625
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*03/22/2024 06:28*	WG2251625

Method Blank (MB)

(MB) R4048745-3 03/22/24 06:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4048745-3 03/22/24 06:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
Ethanol	U		42.0	100
(S) Toluene-d8	*97.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*90.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4048745-1 03/22/24 05:05 • (LCSD) R4048745-2 03/22/24 05:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	31.9	32.6	128	130	19.0-160			2.17	27
Acrolein	25.0	20.9	20.9	83.6	83.6	30.0-160			0.000	26
Acrylonitrile	25.0	26.6	26.3	106	105	55.0-149			1.13	20
Benzene	5.00	4.59	4.93	91.8	98.6	70.0-123			7.14	20
Bromobenzene	5.00	4.32	4.21	86.4	84.2	73.0-121			2.58	20
Bromodichloromethane	5.00	5.23	5.52	105	110	75.0-120			5.40	20
Bromoform	5.00	5.02	5.16	100	103	68.0-132			2.75	20
Bromomethane	5.00	5.79	6.40	116	128	30.0-160			10.0	25
1,3-Butadiene	5.00	4.52	4.73	90.4	94.6	45.0-147			4.54	20
n-Butylbenzene	5.00	3.87	3.58	77.4	71.6	73.0-125		L2	7.79	20
sec-Butylbenzene	5.00	4.24	4.23	84.8	84.6	75.0-125			0.236	20
tert-Butylbenzene	5.00	4.20	4.21	84.0	84.2	76.0-124			0.238	20
Carbon tetrachloride	5.00	5.35	5.15	107	103	68.0-126			3.81	20
Carbon disulfide	5.00	3.97	4.15	79.4	83.0	61.0-128			4.43	20
Chlorobenzene	5.00	4.71	4.94	94.2	98.8	80.0-121			4.77	20
Chlorodibromomethane	5.00	4.88	5.15	97.6	103	77.0-125			5.38	20
Chloroethane	5.00	8.64	8.47	173	169	47.0-150	L1	L1	1.99	20
Chloroform	5.00	5.09	5.31	102	106	73.0-120			4.23	20
Chloromethane	5.00	4.18	4.10	83.6	82.0	41.0-142			1.93	20
Cyclohexane	5.00	4.41	4.45	88.2	89.0	71.0-124			0.903	20
2-Chlorotoluene	5.00	4.31	4.45	86.2	89.0	76.0-123			3.20	20
4-Chlorotoluene	5.00	4.32	4.10	86.4	82.0	75.0-122			5.23	20
1,2-Dibromo-3-Chloropropane	5.00	5.51	4.04	110	80.8	58.0-134		R7	30.8	20
1,2-Dibromoethane	5.00	4.57	5.51	91.4	110	80.0-122			18.7	20
Dibromomethane	5.00	5.77	6.28	115	126	80.0-120		L1	8.46	20
1,2-Dichlorobenzene	5.00	4.63	4.67	92.6	93.4	79.0-121			0.860	20
1,3-Dichlorobenzene	5.00	4.58	4.46	91.6	89.2	79.0-120			2.65	20
1,4-Dichlorobenzene	5.00	4.65	4.37	93.0	87.4	79.0-120			6.21	20
Dichlorodifluoromethane	5.00	3.61	3.66	72.2	73.2	51.0-149			1.38	20
1,1-Dichloroethane	5.00	4.95	5.12	99.0	102	70.0-126			3.38	20
1,2-Dichloroethane	5.00	5.68	5.56	114	111	70.0-128			2.14	20
1,1-Dichloroethene	5.00	4.56	4.61	91.2	92.2	71.0-124			1.09	20
cis-1,2-Dichloroethene	5.00	4.99	4.86	99.8	97.2	73.0-120			2.64	20
trans-1,2-Dichloroethene	5.00	4.90	4.84	98.0	96.8	73.0-120			1.23	20
1,2-Dichloropropane	5.00	4.83	4.94	96.6	98.8	77.0-125			2.25	20
1,1-Dichloropropene	5.00	5.02	4.87	100	97.4	74.0-126			3.03	20
1,3-Dichloropropane	5.00	4.85	5.27	97.0	105	80.0-120			8.30	20
cis-1,3-Dichloropropene	5.00	4.68	4.68	93.6	93.6	80.0-123			0.000	20
trans-1,3-Dichloropropene	5.00	4.50	4.69	90.0	93.8	78.0-124			4.13	20
2,2-Dichloropropane	5.00	4.65	4.73	93.0	94.6	58.0-130			1.71	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4048745-1 03/22/24 05:05 • (LCSD) R4048745-2 03/22/24 05:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	3.95	4.04	79.0	80.8	74.0-126			2.25	20
Di-isopropyl ether	5.00	4.28	4.38	85.6	87.6	58.0-138			2.31	20
Ethylbenzene	5.00	4.57	5.14	91.4	103	79.0-123			11.7	20
4-Ethyltoluene	5.00	4.03	4.21	80.6	84.2	74.0-127			4.37	20
Hexachloro-1,3-butadiene	5.00	3.98	4.32	79.6	86.4	54.0-138			8.19	20
n-Hexane	5.00	3.97	4.10	79.4	82.0	57.0-133			3.22	20
Isopropylbenzene	5.00	4.31	4.37	86.2	87.4	76.0-127			1.38	20
p-Isopropyltoluene	5.00	4.07	4.24	81.4	84.8	76.0-125			4.09	20
2-Butanone (MEK)	25.0	26.0	26.8	104	107	44.0-160			3.03	20
Methyl Cyclohexane	5.00	3.82	4.03	76.4	80.6	68.0-126			5.35	20
Methylene Chloride	5.00	5.04	5.22	101	104	67.0-120			3.51	20
4-Methyl-2-pentanone (MIBK)	25.0	24.6	25.0	98.4	100	68.0-142			1.61	20
Methyl tert-butyl ether	5.00	5.18	5.16	104	103	68.0-125			0.387	20
Naphthalene	5.00	3.10	3.33	62.0	66.6	54.0-135			7.15	20
Propene	5.00	2.38	2.27	47.6	45.4	30.0-160			4.73	20
n-Propylbenzene	5.00	4.07	4.15	81.4	83.0	77.0-124			1.95	20
Styrene	5.00	4.47	4.43	89.4	88.6	73.0-130			0.899	20
1,1,1,2-Tetrachloroethane	5.00	5.11	5.05	102	101	75.0-125			1.18	20
1,1,2,2-Tetrachloroethane	5.00	5.49	4.92	110	98.4	65.0-130			11.0	20
1,1,2-Trichlorotrifluoroethane	5.00	4.83	4.69	96.6	93.8	69.0-132			2.94	20
Tetrachloroethene	5.00	4.90	4.86	98.0	97.2	72.0-132			0.820	20
Toluene	5.00	4.32	4.53	86.4	90.6	79.0-120			4.75	20
1,2,3-Trichlorobenzene	5.00	5.08	5.43	102	109	50.0-138			6.66	20
1,2,4-Trichlorobenzene	5.00	3.66	3.97	73.2	79.4	57.0-137			8.13	20
1,1,1-Trichloroethane	5.00	5.27	5.53	105	111	73.0-124			4.81	20
1,1,2-Trichloroethane	5.00	5.00	5.26	100	105	80.0-120			5.07	20
Trichloroethene	5.00	5.48	5.39	110	108	78.0-124			1.66	20
Trichlorofluoromethane	5.00	5.71	5.74	114	115	59.0-147			0.524	20
1,2,3-Trichloropropane	5.00	6.34	5.90	127	118	73.0-130			7.19	20
1,2,4-Trimethylbenzene	5.00	4.05	4.21	81.0	84.2	76.0-121			3.87	20
1,2,3-Trimethylbenzene	5.00	4.18	4.35	83.6	87.0	77.0-120			3.99	20
1,3,5-Trimethylbenzene	5.00	4.08	4.17	81.6	83.4	76.0-122			2.18	20
Vinyl chloride	5.00	5.05	4.98	101	99.6	67.0-131			1.40	20
Xylenes, Total	15.0	13.8	14.1	92.0	94.0	79.0-123			2.15	20
Ethanol	250	230	276	92.0	110	30.0-160			18.2	30
(S) Toluene-d8				*97.1*	*98.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*94.9*	*96.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*114*	*117*	*70.0-130*				

Method Blank (MB)

(MB) R4048602-2 03/21/24 21:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	U		0.0190	0.0500
Acenaphthene	U		0.0190	0.0500
Acenaphthylene	U		0.0171	0.0500
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(g,h,i)perylene	U		0.0184	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Fluoranthene	U		0.0270	0.100
Fluorene	U		0.0169	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
Phenanthrene	U		0.0180	0.0500
Pyrene	U		0.0169	0.0500
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
2-Chloronaphthalene	U		0.0682	0.250
(S) Nitrobenzene-d5	*126*			*31.0-160*
(S) 2-Fluorobiphenyl	*92.0*			*48.0-148*
(S) p-Terphenyl-d14	*84.5*			*37.0-146*

Laboratory Control Sample (LCS)

(LCS) R4048602-1 03/21/24 21:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	2.00	1.71	85.5	67.0-150	
Acenaphthene	2.00	1.67	83.5	65.0-138	
Acenaphthylene	2.00	1.73	86.5	66.0-140	
Benzo(a)anthracene	2.00	1.79	89.5	61.0-140	
Benzo(a)pyrene	2.00	1.62	81.0	60.0-143	
Benzo(b)fluoranthene	2.00	1.60	80.0	58.0-141	
Benzo(g,h,i)perylene	2.00	1.42	71.0	52.0-153	
Benzo(k)fluoranthene	2.00	1.56	78.0	58.0-148	
Chrysene	2.00	1.77	88.5	64.0-144	
Dibenz(a,h)anthracene	2.00	1.48	74.0	52.0-155	
Fluoranthene	2.00	1.98	99.0	69.0-153	

Laboratory Control Sample (LCS)

(LCS) R4048602-1 03/21/24 21:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	2.00	1.76	88.0	64.0-136	
Indeno(1,2,3-cd)pyrene	2.00	1.48	74.0	54.0-153	
Naphthalene	2.00	1.75	87.5	61.0-137	
Phenanthrene	2.00	1.75	87.5	62.0-137	
Pyrene	2.00	1.65	82.5	60.0-142	
1-Methylnaphthalene	2.00	1.94	97.0	66.0-142	
2-Methylnaphthalene	2.00	1.89	94.5	62.0-136	
2-Chloronaphthalene	2.00	1.70	85.0	64.0-140	
(S) Nitrobenzene-d5			*119*	*31.0-160*	
(S) 2-Fluorobiphenyl			*88.5*	*48.0-148*	
(S) p-Terphenyl-d14			*79.5*	*37.0-146*	

L1715989-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1715989-07 03/21/24 05:58 • (MS) R4048551-1 03/21/24 06:16 • (MSD) R4048551-2 03/21/24 06:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	1.90	U	1.55	1.57	81.6	82.6	1	56.0-156			1.28	20
Acenaphthene	1.90	U	1.55	1.58	81.6	83.2	1	44.0-153			1.92	20
Acenaphthylene	1.90	U	1.59	1.62	83.7	85.3	1	53.0-150			1.87	20
Benzo(a)anthracene	1.90	U	1.64	1.66	86.3	87.4	1	47.0-151			1.21	20
Benzo(a)pyrene	1.90	U	1.50	1.52	78.9	80.0	1	45.0-146			1.32	20
Benzo(b)fluoranthene	1.90	U	1.52	1.56	80.0	82.1	1	43.0-142			2.60	20
Benzo(g,h,i)perylene	1.90	U	1.39	1.44	73.2	75.8	1	40.0-147			3.53	20
Benzo(k)fluoranthene	1.90	U	1.43	1.48	75.3	77.9	1	43.0-148			3.44	21
Chrysene	1.90	U	1.70	1.71	89.5	90.0	1	50.0-148			0.587	20
Dibenz(a,h)anthracene	1.90	U	1.43	1.49	75.3	78.4	1	37.0-151			4.11	20
Fluoranthene	1.90	U	1.84	1.86	96.8	97.9	1	56.0-157			1.08	20
Fluorene	1.90	U	1.64	1.69	86.3	88.9	1	48.0-148			3.00	20
Indeno(1,2,3-cd)pyrene	1.90	U	1.43	1.46	75.3	76.8	1	41.0-148			2.08	20
Naphthalene	1.90	U	1.64	1.63	86.3	85.8	1	10.0-160			0.612	20
Phenanthrene	1.90	U	1.60	1.64	84.2	86.3	1	47.0-147			2.47	20
Pyrene	1.90	U	1.57	1.58	82.6	83.2	1	51.0-148			0.635	20
1-Methylnaphthalene	1.90	U	1.81	1.80	95.3	94.7	1	21.0-160			0.554	20
2-Methylnaphthalene	1.90	U	1.77	1.76	93.2	92.6	1	31.0-160			0.567	20
2-Chloronaphthalene	1.90	U	1.59	1.66	83.7	87.4	1	52.0-148			4.31	20
(S) Nitrobenzene-d5					*112*	*118*		*31.0-160*				
(S) 2-Fluorobiphenyl					*83.2*	*88.9*		*48.0-148*				
(S) p-Terphenyl-d14					*77.9*	*82.1*		*37.0-146*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS36 • File ID: 0322_01

03/22/24 05:05

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0322_01	279155	138262	121609
Upper Limit		558310	276524	243218
Lower Limit		139578	69131	60805
LCS R4048745-1 WG2251625 1x	0322_01LCS	279155	138262	121609
LCSD R4048745-2 WG2251625 1x	0322_02	284580	138123	126259
BLANK R4048745-3 WG2251625 1x	0322_04	274166	127929	105629
L1716554-02 WG2251625 1x	0322_05	271279	128352	102939
L1716554-01 WG2251625 1x	0322_08	333456	158632	136553

Instrument: BNAMS25 • File ID: 0320A_03

03/20/24 21:28

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0320A_03	29620	17449	33332	32321	31845
Upper Limit		59240	34898	66664	64642	63690
Lower Limit		14810	8725	16666	16161	15923
MS R4048551-1 WG2249979 1x	0320A_33	32858	19421	38569	37010	34188
MSD R4048551-2 WG2249979 1x	0320A_34	32570	18756	37578	36395	33272

Instrument: BNAMS25 • File ID: 0321B_03

03/21/24 21:02

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0321B_03	27553	16140	32598	32217	31410
Upper Limit		55106	32280	65196	64434	62820
Lower Limit		13777	8070	16299	16109	15705
LCS R4048602-1 WG2249979 1x	0321B_04	32080	18999	38265	38044	36575
BLANK R4048602-2 WG2249979 1x	0321B_05	30833	18412	36539	35434	33303

Instrument: BNAMS28 • File ID: 0320A_03

03/20/24 17:12

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0320A_03	25981	14355	29038	29093	29773
Upper Limit		51962	28710	58076	58186	59546
Lower Limit		12991	7178	14519	14547	14887
L1716554-01 WG2249979 1x	0320A_37	31596	17009	33665	31847	30208

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **2705326**

Lab Project #

Collected by (print): Shanda Wagner

Site/Facility ID # CK5326

P.O. # 2705326

Collected by (signature): Shanda Wagner

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day

Quote # **00107122**

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B/ 40ml amber / MeOH	PAH 8270SIM / 4oz clear jar / NoPres	VOCs 8260B	PAHs 8270SIM	Remarks	Sample # (lab only)
		SS										
SB7-GW-163	G	GW	163	3/15/24	0813	5			X	X		-01
Trip Blank	—	OT	—	—	—	1			X			-02

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Relinquished by : (Signature) — Date: 3/15/24 — Time: 1715 — Received by: (Signature)

Relinquished by : (Signature) — Date: 3-18-24 — Time: 1800 — Received by: (Signature) SWA

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature) CRoberts — Date: 03.19.24 — Time: 0945

Trip Blank Received: Yes / No — HCL / MeOH — TBR

Temp: °C Bottles Received: 5

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: Y __N
Preservation Correct/Checked: __Y __N

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1716554
B129

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

L1716554

Tracking Numbers	Temperature
7241070516419	3.8+0=3.8DPA9
7241070516408	3.4+0=3.4DPA9

Name

Date

ANALYTICAL REPORT

March 26, 2024

EnCore Consulting, LLC.

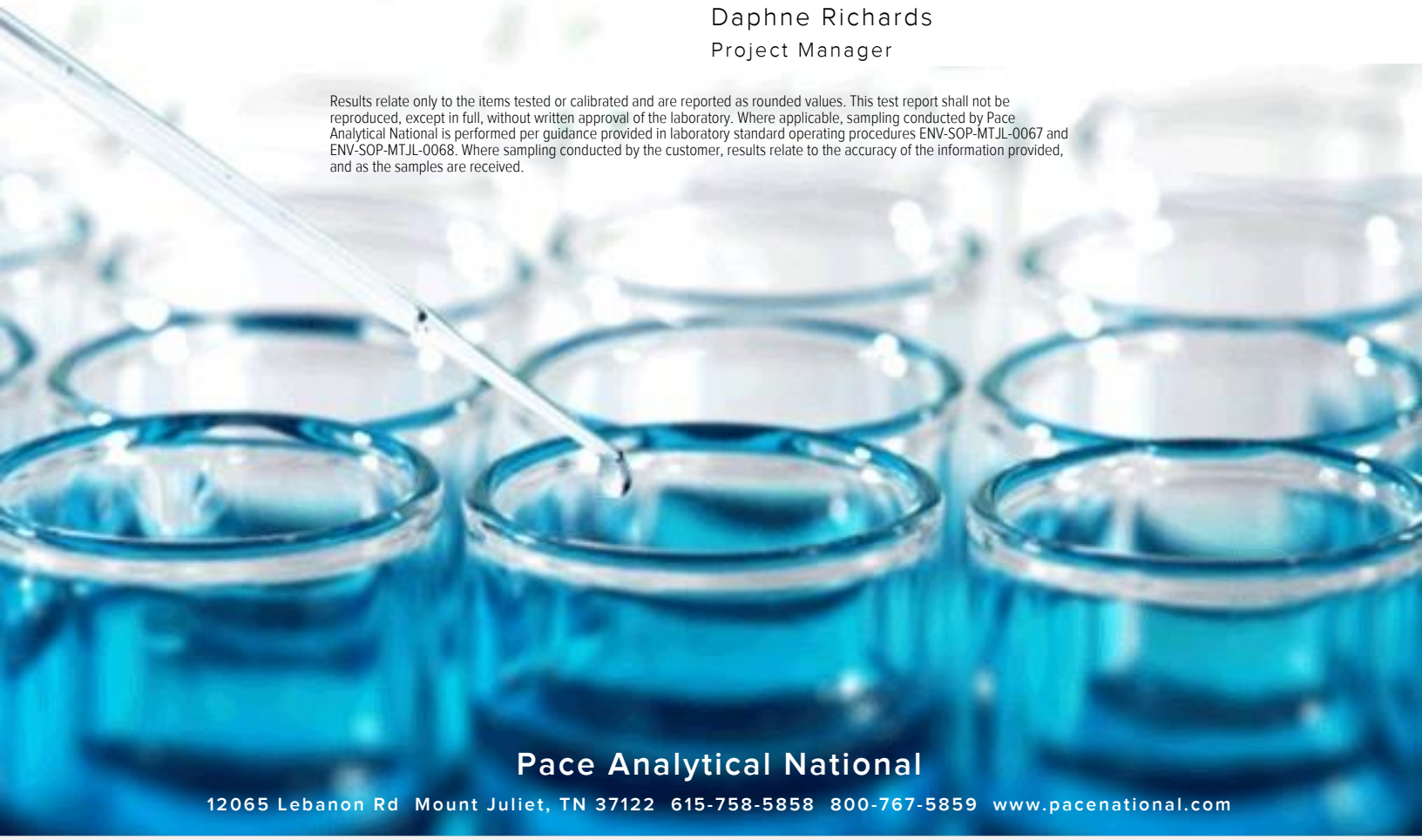
Sample Delivery Group:	L1715536
Samples Received:	03/15/2024
Project Number:	CK2705326
Description:	Circle K Store No. 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-8-5 L1715536-01 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 08:21 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 08:21	03/22/24 16:02	DWR	Mt. Juliet, TN

SB-8-10 L1715536-02 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 08:29 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1.14	03/13/24 08:29	03/22/24 16:21	DWR	Mt. Juliet, TN

SB-8-15 L1715536-03 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 08:37 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 08:37	03/22/24 16:41	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2247639	1	03/15/24 17:35	03/16/24 01:06	MKM	Mt. Juliet, TN

SB-8-20 L1715536-04 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 09:18 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 09:18	03/22/24 17:00	DWR	Mt. Juliet, TN

SB-8-25 L1715536-05 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 09:27 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 09:27	03/22/24 17:18	DWR	Mt. Juliet, TN

SB-8-30 L1715536-06 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 09:36 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 09:36	03/22/24 17:37	DWR	Mt. Juliet, TN

SB-8-35 L1715536-07 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 09:47 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1.02	03/13/24 09:47	03/22/24 17:56	DWR	Mt. Juliet, TN

SB-8-40 L1715536-08 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 09:54 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 09:54	03/22/24 18:15	DWR	Mt. Juliet, TN

SB-8-45 L1715536-09 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 10:05 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 10:05	03/22/24 18:34	DWR	Mt. Juliet, TN

SB-8-50 L1715536-10 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 10:19 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 10:19	03/22/24 18:53	DWR	Mt. Juliet, TN

SB-8-55 L1715536-11 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 10:31 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 10:31	03/22/24 19:12	DWR	Mt. Juliet, TN

SB-8-60 L1715536-12 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 10:50 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 10:50	03/22/24 19:30	DWR	Mt. Juliet, TN

SB-8-65 L1715536-13 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 11:05 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 11:05	03/22/24 19:49	DWR	Mt. Juliet, TN

SB-8-70 L1715536-14 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 11:18 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 11:18	03/22/24 20:08	DWR	Mt. Juliet, TN

SB-8-75 L1715536-15 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 11:34 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 11:34	03/22/24 20:27	DWR	Mt. Juliet, TN

SB-8-80 L1715536-16 Solid

Collected by: Makinna Balasko | Collected date/time: 03/13/24 11:45 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2251620	1	03/13/24 11:45	03/22/24 20:46	DWR	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1715536-01	SB-8-5	8260B
L1715536-02	SB-8-10	8260B
L1715536-03	SB-8-15	8260B
L1715536-04	SB-8-20	8260B
L1715536-05	SB-8-25	8260B
L1715536-06	SB-8-30	8260B
L1715536-07	SB-8-35	8260B
L1715536-08	SB-8-40	8260B
L1715536-09	SB-8-45	8260B
L1715536-10	SB-8-50	8260B
L1715536-11	SB-8-55	8260B
L1715536-12	SB-8-60	8260B
L1715536-13	SB-8-65	8260B
L1715536-14	SB-8-70	8260B
L1715536-15	SB-8-75	8260B
L1715536-16	SB-8-80	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 16:02	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 16:02	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 16:02	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 16:02	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 16:02	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 16:02	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 16:02	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 16:02	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 16:02	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 16:02	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 16:02	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 16:02	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 16:02	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 16:02	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 16:02	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 16:02	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 16:02	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 16:02	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 16:02	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 16:02	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 16:02	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 16:02	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 16:02	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 16:02	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 16:02	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 16:02	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 16:02	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 16:02	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 16:02	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 16:02	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 16:02	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 16:02	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 16:02	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 16:02	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 16:02	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 16:02	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 16:02	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 16:02	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 16:02	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 16:02	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 16:02	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 16:02	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 16:02	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 16:02	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 16:02	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 16:02	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 16:02	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 16:02	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 16:02	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 16:02	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 16:02	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 16:02	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 16:02	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 16:02	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 16:02	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 16:02	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 16:02	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 16:02	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 16:02	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 16:02	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 16:02	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 16:02	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 16:02	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 16:02	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 16:02	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 16:02	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 16:02	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 16:02	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 16:02	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 16:02	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 16:02	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 16:02	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 16:02	WG2251620
(S) Toluene-d8	*98.0*			*75.0-131*		*03/22/2024 16:02*	WG2251620
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*03/22/2024 16:02*	WG2251620
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*03/22/2024 16:02*	WG2251620

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	1.04	1.43	1.14	03/22/2024 16:21	WG2251620
Acrylonitrile	U		0.103	0.356	1.14	03/22/2024 16:21	WG2251620
Benzene	U		0.0133	0.0285	1.14	03/22/2024 16:21	WG2251620
Bromobenzene	U		0.0257	0.356	1.14	03/22/2024 16:21	WG2251620
Bromodichloromethane	U		0.0207	0.0713	1.14	03/22/2024 16:21	WG2251620
Bromoform	U		0.0333	0.713	1.14	03/22/2024 16:21	WG2251620
Bromomethane	U		0.0561	0.356	1.14	03/22/2024 16:21	WG2251620
1,3-Butadiene	U		0.146	0.713	1.14	03/22/2024 16:21	WG2251620
n-Butylbenzene	U		0.150	0.356	1.14	03/22/2024 16:21	WG2251620
sec-Butylbenzene	U		0.0821	0.356	1.14	03/22/2024 16:21	WG2251620
tert-Butylbenzene	U		0.0556	0.143	1.14	03/22/2024 16:21	WG2251620
Carbon disulfide	U		0.0200	0.356	1.14	03/22/2024 16:21	WG2251620
Carbon tetrachloride	U		0.0256	0.143	1.14	03/22/2024 16:21	WG2251620
Chlorobenzene	U		0.00599	0.0713	1.14	03/22/2024 16:21	WG2251620
Chlorodibromomethane	U		0.0174	0.0713	1.14	03/22/2024 16:21	WG2251620
Chloroethane	U		0.0485	0.143	1.14	03/22/2024 16:21	WG2251620
Chloroform	U		0.0294	0.0713	1.14	03/22/2024 16:21	WG2251620
Chloromethane	U		0.124	0.356	1.14	03/22/2024 16:21	WG2251620
2-Chlorotoluene	U		0.0247	0.0713	1.14	03/22/2024 16:21	WG2251620
4-Chlorotoluene	U		0.0128	0.143	1.14	03/22/2024 16:21	WG2251620
Cyclohexane	U		0.0316	0.0713	1.14	03/22/2024 16:21	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.111	0.713	1.14	03/22/2024 16:21	WG2251620
1,2-Dibromoethane	U		0.0185	0.0713	1.14	03/22/2024 16:21	WG2251620
Dibromomethane	U		0.0214	0.143	1.14	03/22/2024 16:21	WG2251620
1,2-Dichlorobenzene	U		0.0121	0.143	1.14	03/22/2024 16:21	WG2251620
1,3-Dichlorobenzene	U		0.0171	0.143	1.14	03/22/2024 16:21	WG2251620
1,4-Dichlorobenzene	U		0.0200	0.143	1.14	03/22/2024 16:21	WG2251620
Dichlorodifluoromethane	U		0.0459	0.0713	1.14	03/22/2024 16:21	WG2251620
1,1-Dichloroethane	U		0.0140	0.0713	1.14	03/22/2024 16:21	WG2251620
1,2-Dichloroethane	U		0.0185	0.0713	1.14	03/22/2024 16:21	WG2251620
1,1-Dichloroethene	U		0.0173	0.0713	1.14	03/22/2024 16:21	WG2251620
cis-1,2-Dichloroethene	U		0.0209	0.0713	1.14	03/22/2024 16:21	WG2251620
trans-1,2-Dichloroethene	U		0.0296	0.143	1.14	03/22/2024 16:21	WG2251620
1,2-Dichloropropane	U		0.0405	0.143	1.14	03/22/2024 16:21	WG2251620
1,1-Dichloropropene	U		0.0231	0.0713	1.14	03/22/2024 16:21	WG2251620
1,3-Dichloropropane	U		0.0143	0.143	1.14	03/22/2024 16:21	WG2251620
cis-1,3-Dichloropropene	U		0.0216	0.0713	1.14	03/22/2024 16:21	WG2251620
trans-1,3-Dichloropropene	U		0.0325	0.143	1.14	03/22/2024 16:21	WG2251620
2,2-Dichloropropane	U		0.0393	0.0713	1.14	03/22/2024 16:21	WG2251620
Dicyclopentadiene	U		0.0470	0.356	1.14	03/22/2024 16:21	WG2251620
Di-isopropyl ether	U		0.0117	0.0285	1.14	03/22/2024 16:21	WG2251620
Ethylbenzene	U		0.0210	0.0713	1.14	03/22/2024 16:21	WG2251620
4-Ethyltoluene	U		0.0661	0.143	1.14	03/22/2024 16:21	WG2251620
Hexachloro-1,3-butadiene	U		0.171	0.713	1.14	03/22/2024 16:21	WG2251620
n-Hexane	U		0.0644	0.143	1.14	03/22/2024 16:21	WG2251620
Isopropylbenzene	U		0.0121	0.0713	1.14	03/22/2024 16:21	WG2251620
p-Isopropyltoluene	U		0.0727	0.143	1.14	03/22/2024 16:21	WG2251620
2-Butanone (MEK)	U		1.81	2.85	1.14	03/22/2024 16:21	WG2251620
Methylene Chloride	U		0.189	0.713	1.14	03/22/2024 16:21	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0650	0.713	1.14	03/22/2024 16:21	WG2251620
Methyl tert-butyl ether	U		0.00998	0.0285	1.14	03/22/2024 16:21	WG2251620
Methyl Cyclohexane	U		0.0587	0.143	1.14	03/22/2024 16:21	WG2251620
Naphthalene	U		0.139	0.356	1.14	03/22/2024 16:21	WG2251620
Propene	U		0.174	1.43	1.14	03/22/2024 16:21	WG2251620
n-Propylbenzene	U		0.0271	0.143	1.14	03/22/2024 16:21	WG2251620
Styrene	U		0.00653	0.356	1.14	03/22/2024 16:21	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0270	0.0713	1.14	03/22/2024 16:21	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0198	0.0713	1.14	03/22/2024 16:21	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0215	0.0713	1.14	03/22/2024 16:21	WG2251620
Tetrachloroethene	U		0.0255	0.0713	1.14	03/22/2024 16:21	WG2251620
Toluene	0.0896	E4	0.0371	0.143	1.14	03/22/2024 16:21	WG2251620
1,2,3-Trichlorobenzene	U		0.209	0.356	1.14	03/22/2024 16:21	WG2251620
1,2,4-Trichlorobenzene	U		0.125	0.356	1.14	03/22/2024 16:21	WG2251620
1,1,1-Trichloroethane	U		0.0263	0.0713	1.14	03/22/2024 16:21	WG2251620
1,1,2-Trichloroethane	U		0.0170	0.0713	1.14	03/22/2024 16:21	WG2251620
Trichloroethene	U		0.0166	0.0285	1.14	03/22/2024 16:21	WG2251620
Trichlorofluoromethane	U		0.0236	0.0713	1.14	03/22/2024 16:21	WG2251620
1,2,3-Trichloropropane	U		0.0462	0.356	1.14	03/22/2024 16:21	WG2251620
1,2,4-Trimethylbenzene	U		0.0450	0.143	1.14	03/22/2024 16:21	WG2251620
1,2,3-Trimethylbenzene	U		0.0450	0.143	1.14	03/22/2024 16:21	WG2251620
1,3,5-Trimethylbenzene	U		0.0570	0.143	1.14	03/22/2024 16:21	WG2251620
Vinyl chloride	U		0.0331	0.0713	1.14	03/22/2024 16:21	WG2251620
Xylenes, Total	0.0571	E4	0.0251	0.185	1.14	03/22/2024 16:21	WG2251620
(S) Toluene-d8	*100*			*75.0-131*		*03/22/2024 16:21*	WG2251620
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/22/2024 16:21*	WG2251620
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*03/22/2024 16:21*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 16:41	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 16:41	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 16:41	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 16:41	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 16:41	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 16:41	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 16:41	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 16:41	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 16:41	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 16:41	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 16:41	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 16:41	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 16:41	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 16:41	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 16:41	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 16:41	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 16:41	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 16:41	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 16:41	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 16:41	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 16:41	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 16:41	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 16:41	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 16:41	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 16:41	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 16:41	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 16:41	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 16:41	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 16:41	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 16:41	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 16:41	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 16:41	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 16:41	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 16:41	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 16:41	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 16:41	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 16:41	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 16:41	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 16:41	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 16:41	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 16:41	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 16:41	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 16:41	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 16:41	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 16:41	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 16:41	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 16:41	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 16:41	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 16:41	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 16:41	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 16:41	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 16:41	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 16:41	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 16:41	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 16:41	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 16:41	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 16:41	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 16:41	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 16:41	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 16:41	WG2251620
Toluene	0.0854	E4	0.0325	0.125	1	03/22/2024 16:41	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 16:41	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 16:41	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 16:41	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 16:41	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 16:41	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 16:41	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 16:41	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 16:41	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 16:41	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 16:41	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 16:41	WG2251620
Xylenes, Total	0.0678	E4	0.0220	0.163	1	03/22/2024 16:41	WG2251620
(S) Toluene-d8	*99.9*			*75.0-131*		*03/22/2024 16:41*	WG2251620
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*03/22/2024 16:41*	WG2251620
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*		*03/22/2024 16:41*	WG2251620

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U	R5	0.00230	0.00600	1	03/16/2024 01:06	WG2247639
Acenaphthene	U		0.00209	0.00600	1	03/16/2024 01:06	WG2247639
Acenaphthylene	U	R5	0.00216	0.00600	1	03/16/2024 01:06	WG2247639
Benzo(a)anthracene	U	R5	0.00173	0.00600	1	03/16/2024 01:06	WG2247639
Benzo(a)pyrene	U	R5	0.00179	0.00600	1	03/16/2024 01:06	WG2247639
Benzo(b)fluoranthene	U		0.00153	0.00600	1	03/16/2024 01:06	WG2247639
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	03/16/2024 01:06	WG2247639
Benzo(k)fluoranthene	U	R5	0.00215	0.00600	1	03/16/2024 01:06	WG2247639
Chrysene	U	R5	0.00232	0.00600	1	03/16/2024 01:06	WG2247639
Dibenz(a,h)anthracene	U	R5	0.00172	0.00600	1	03/16/2024 01:06	WG2247639
Fluoranthene	U		0.00227	0.00600	1	03/16/2024 01:06	WG2247639
Fluorene	U	R5	0.00205	0.00600	1	03/16/2024 01:06	WG2247639
Indeno(1,2,3-cd)pyrene	U	R5	0.00181	0.00600	1	03/16/2024 01:06	WG2247639
Naphthalene	U		0.00408	0.0200	1	03/16/2024 01:06	WG2247639
Phenanthrene	U		0.00231	0.00600	1	03/16/2024 01:06	WG2247639
Pyrene	U		0.00200	0.00600	1	03/16/2024 01:06	WG2247639
1-Methylnaphthalene	U		0.00449	0.0200	1	03/16/2024 01:06	WG2247639
2-Methylnaphthalene	U		0.00427	0.0200	1	03/16/2024 01:06	WG2247639
2-Chloronaphthalene	U	R5	0.00466	0.0200	1	03/16/2024 01:06	WG2247639
(S) p-Terphenyl-d14	*53.9*			*23.0-120*		*03/16/2024 01:06*	WG2247639
(S) Nitrobenzene-d5	*28.3*			*14.0-149*		*03/16/2024 01:06*	WG2247639
(S) 2-Fluorobiphenyl	*33.5*	S6		*34.0-125*		*03/16/2024 01:06*	WG2247639

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 17:00	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 17:00	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 17:00	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 17:00	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 17:00	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 17:00	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 17:00	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 17:00	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 17:00	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 17:00	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 17:00	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 17:00	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 17:00	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 17:00	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 17:00	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 17:00	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 17:00	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 17:00	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 17:00	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 17:00	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 17:00	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 17:00	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 17:00	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 17:00	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 17:00	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 17:00	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 17:00	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 17:00	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 17:00	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 17:00	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 17:00	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 17:00	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 17:00	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 17:00	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 17:00	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 17:00	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 17:00	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 17:00	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 17:00	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 17:00	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 17:00	WG2251620
Ethylbenzene	0.0721		0.0184	0.0625	1	03/22/2024 17:00	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 17:00	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 17:00	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 17:00	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 17:00	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 17:00	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 17:00	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 17:00	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 17:00	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 17:00	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 17:00	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 17:00	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 17:00	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 17:00	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 17:00	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 17:00	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 17:00	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 17:00	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 17:00	WG2251620
Toluene	0.274		0.0325	0.125	1	03/22/2024 17:00	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 17:00	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 17:00	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 17:00	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 17:00	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 17:00	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 17:00	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 17:00	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 17:00	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 17:00	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 17:00	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 17:00	WG2251620
Xylenes, Total	0.291		0.0220	0.163	1	03/22/2024 17:00	WG2251620
(S) Toluene-d8	*101*			*75.0-131*		*03/22/2024 17:00*	WG2251620
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/22/2024 17:00*	WG2251620
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*03/22/2024 17:00*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U	L1	0.913	1.25	1	03/22/2024 17:18	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 17:18	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 17:18	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 17:18	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 17:18	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 17:18	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 17:18	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 17:18	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 17:18	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 17:18	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 17:18	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 17:18	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 17:18	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 17:18	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 17:18	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 17:18	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 17:18	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 17:18	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 17:18	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 17:18	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 17:18	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 17:18	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 17:18	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 17:18	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 17:18	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 17:18	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 17:18	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 17:18	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 17:18	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 17:18	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 17:18	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 17:18	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 17:18	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 17:18	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 17:18	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 17:18	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 17:18	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 17:18	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 17:18	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 17:18	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 17:18	WG2251620
Ethylbenzene	0.0264	E4	0.0184	0.0625	1	03/22/2024 17:18	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 17:18	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 17:18	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 17:18	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 17:18	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 17:18	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 17:18	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 17:18	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 17:18	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 17:18	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 17:18	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 17:18	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 17:18	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 17:18	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 17:18	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 17:18	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 17:18	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 17:18	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 17:18	WG2251620
Toluene	0.0818	E4	0.0325	0.125	1	03/22/2024 17:18	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 17:18	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 17:18	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 17:18	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 17:18	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 17:18	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 17:18	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 17:18	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 17:18	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 17:18	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 17:18	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 17:18	WG2251620
Xylenes, Total	0.128	E4	0.0220	0.163	1	03/22/2024 17:18	WG2251620
(S) Toluene-d8	*99.3*			*75.0-131*		*03/22/2024 17:18*	WG2251620
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/22/2024 17:18*	WG2251620
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*		*03/22/2024 17:18*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 17:37	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 17:37	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 17:37	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 17:37	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 17:37	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 17:37	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 17:37	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 17:37	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 17:37	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 17:37	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 17:37	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 17:37	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 17:37	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 17:37	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 17:37	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 17:37	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 17:37	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 17:37	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 17:37	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 17:37	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 17:37	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 17:37	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 17:37	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 17:37	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 17:37	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 17:37	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 17:37	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 17:37	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 17:37	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 17:37	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 17:37	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 17:37	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 17:37	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 17:37	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 17:37	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 17:37	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 17:37	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 17:37	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 17:37	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 17:37	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 17:37	WG2251620
Ethylbenzene	0.0299	E4	0.0184	0.0625	1	03/22/2024 17:37	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 17:37	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 17:37	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 17:37	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 17:37	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 17:37	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 17:37	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 17:37	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 17:37	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 17:37	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 17:37	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 17:37	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 17:37	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 17:37	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 17:37	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 17:37	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 17:37	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 17:37	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 17:37	WG2251620
Toluene	0.0728	E4	0.0325	0.125	1	03/22/2024 17:37	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 17:37	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 17:37	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 17:37	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 17:37	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 17:37	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 17:37	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 17:37	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 17:37	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 17:37	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 17:37	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 17:37	WG2251620
Xylenes, Total	0.145	E4	0.0220	0.163	1	03/22/2024 17:37	WG2251620
(S) Toluene-d8	*98.9*			*75.0-131*		*03/22/2024 17:37*	WG2251620
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*03/22/2024 17:37*	WG2251620
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*		*03/22/2024 17:37*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.931	1.28	1.02	03/22/2024 17:56	WG2251620
Acrylonitrile	U		0.0921	0.319	1.02	03/22/2024 17:56	WG2251620
Benzene	U		0.0119	0.0255	1.02	03/22/2024 17:56	WG2251620
Bromobenzene	U		0.0230	0.319	1.02	03/22/2024 17:56	WG2251620
Bromodichloromethane	U		0.0185	0.0638	1.02	03/22/2024 17:56	WG2251620
Bromoform	U		0.0298	0.638	1.02	03/22/2024 17:56	WG2251620
Bromomethane	U		0.0502	0.319	1.02	03/22/2024 17:56	WG2251620
1,3-Butadiene	U		0.131	0.638	1.02	03/22/2024 17:56	WG2251620
n-Butylbenzene	U		0.134	0.319	1.02	03/22/2024 17:56	WG2251620
sec-Butylbenzene	U		0.0734	0.319	1.02	03/22/2024 17:56	WG2251620
tert-Butylbenzene	U		0.0497	0.128	1.02	03/22/2024 17:56	WG2251620
Carbon disulfide	U		0.0179	0.319	1.02	03/22/2024 17:56	WG2251620
Carbon tetrachloride	U		0.0229	0.128	1.02	03/22/2024 17:56	WG2251620
Chlorobenzene	U		0.00535	0.0638	1.02	03/22/2024 17:56	WG2251620
Chlorodibromomethane	U		0.0156	0.0638	1.02	03/22/2024 17:56	WG2251620
Chloroethane	U		0.0434	0.128	1.02	03/22/2024 17:56	WG2251620
Chloroform	U		0.0263	0.0638	1.02	03/22/2024 17:56	WG2251620
Chloromethane	U		0.111	0.319	1.02	03/22/2024 17:56	WG2251620
2-Chlorotoluene	U		0.0221	0.0638	1.02	03/22/2024 17:56	WG2251620
4-Chlorotoluene	U		0.0115	0.128	1.02	03/22/2024 17:56	WG2251620
Cyclohexane	U		0.0283	0.0638	1.02	03/22/2024 17:56	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0995	0.638	1.02	03/22/2024 17:56	WG2251620
1,2-Dibromoethane	U		0.0165	0.0638	1.02	03/22/2024 17:56	WG2251620
Dibromomethane	U		0.0191	0.128	1.02	03/22/2024 17:56	WG2251620
1,2-Dichlorobenzene	U		0.0108	0.128	1.02	03/22/2024 17:56	WG2251620
1,3-Dichlorobenzene	U		0.0153	0.128	1.02	03/22/2024 17:56	WG2251620
1,4-Dichlorobenzene	U		0.0179	0.128	1.02	03/22/2024 17:56	WG2251620
Dichlorodifluoromethane	U		0.0411	0.0638	1.02	03/22/2024 17:56	WG2251620
1,1-Dichloroethane	U		0.0125	0.0638	1.02	03/22/2024 17:56	WG2251620
1,2-Dichloroethane	U		0.0165	0.0638	1.02	03/22/2024 17:56	WG2251620
1,1-Dichloroethene	U		0.0155	0.0638	1.02	03/22/2024 17:56	WG2251620
cis-1,2-Dichloroethene	U		0.0187	0.0638	1.02	03/22/2024 17:56	WG2251620
trans-1,2-Dichloroethene	U		0.0265	0.128	1.02	03/22/2024 17:56	WG2251620
1,2-Dichloropropane	U		0.0362	0.128	1.02	03/22/2024 17:56	WG2251620
1,1-Dichloropropene	U		0.0206	0.0638	1.02	03/22/2024 17:56	WG2251620
1,3-Dichloropropane	U		0.0128	0.128	1.02	03/22/2024 17:56	WG2251620
cis-1,3-Dichloropropene	U		0.0193	0.0638	1.02	03/22/2024 17:56	WG2251620
trans-1,3-Dichloropropene	U		0.0291	0.128	1.02	03/22/2024 17:56	WG2251620
2,2-Dichloropropane	U		0.0352	0.0638	1.02	03/22/2024 17:56	WG2251620
Dicyclopentadiene	U		0.0421	0.319	1.02	03/22/2024 17:56	WG2251620
Di-isopropyl ether	U		0.0105	0.0255	1.02	03/22/2024 17:56	WG2251620
Ethylbenzene	U		0.0188	0.0638	1.02	03/22/2024 17:56	WG2251620
4-Ethyltoluene	U		0.0592	0.128	1.02	03/22/2024 17:56	WG2251620
Hexachloro-1,3-butadiene	U		0.153	0.638	1.02	03/22/2024 17:56	WG2251620
n-Hexane	U		0.0576	0.128	1.02	03/22/2024 17:56	WG2251620
Isopropylbenzene	U		0.0108	0.0638	1.02	03/22/2024 17:56	WG2251620
p-Isopropyltoluene	U		0.0650	0.128	1.02	03/22/2024 17:56	WG2251620
2-Butanone (MEK)	U		1.62	2.55	1.02	03/22/2024 17:56	WG2251620
Methylene Chloride	U		0.169	0.638	1.02	03/22/2024 17:56	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0581	0.638	1.02	03/22/2024 17:56	WG2251620
Methyl tert-butyl ether	U		0.00893	0.0255	1.02	03/22/2024 17:56	WG2251620
Methyl Cyclohexane	U		0.0525	0.128	1.02	03/22/2024 17:56	WG2251620
Naphthalene	U		0.124	0.319	1.02	03/22/2024 17:56	WG2251620
Propene	U		0.156	1.28	1.02	03/22/2024 17:56	WG2251620
n-Propylbenzene	U		0.0242	0.128	1.02	03/22/2024 17:56	WG2251620
Styrene	U		0.00584	0.319	1.02	03/22/2024 17:56	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0242	0.0638	1.02	03/22/2024 17:56	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0177	0.0638	1.02	03/22/2024 17:56	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0192	0.0638	1.02	03/22/2024 17:56	WG2251620
Tetrachloroethene	U		0.0228	0.0638	1.02	03/22/2024 17:56	WG2251620
Toluene	U		0.0332	0.128	1.02	03/22/2024 17:56	WG2251620
1,2,3-Trichlorobenzene	U		0.187	0.319	1.02	03/22/2024 17:56	WG2251620
1,2,4-Trichlorobenzene	U		0.112	0.319	1.02	03/22/2024 17:56	WG2251620
1,1,1-Trichloroethane	U		0.0235	0.0638	1.02	03/22/2024 17:56	WG2251620
1,1,2-Trichloroethane	U		0.0152	0.0638	1.02	03/22/2024 17:56	WG2251620
Trichloroethene	U		0.0149	0.0255	1.02	03/22/2024 17:56	WG2251620
Trichlorofluoromethane	U		0.0211	0.0638	1.02	03/22/2024 17:56	WG2251620
1,2,3-Trichloropropane	U		0.0413	0.319	1.02	03/22/2024 17:56	WG2251620
1,2,4-Trimethylbenzene	U		0.0403	0.128	1.02	03/22/2024 17:56	WG2251620
1,2,3-Trimethylbenzene	U		0.0403	0.128	1.02	03/22/2024 17:56	WG2251620
1,3,5-Trimethylbenzene	U		0.0510	0.128	1.02	03/22/2024 17:56	WG2251620
Vinyl chloride	U		0.0296	0.0638	1.02	03/22/2024 17:56	WG2251620
Xylenes, Total	0.0651	E4	0.0224	0.166	1.02	03/22/2024 17:56	WG2251620
(S) Toluene-d8	*99.7*			*75.0-131*		*03/22/2024 17:56*	WG2251620
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*03/22/2024 17:56*	WG2251620
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*03/22/2024 17:56*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 18:15	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 18:15	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 18:15	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 18:15	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 18:15	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 18:15	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 18:15	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 18:15	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 18:15	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 18:15	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 18:15	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 18:15	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 18:15	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 18:15	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 18:15	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 18:15	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 18:15	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 18:15	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 18:15	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 18:15	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 18:15	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 18:15	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 18:15	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 18:15	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 18:15	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 18:15	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 18:15	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 18:15	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 18:15	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 18:15	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 18:15	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 18:15	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 18:15	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 18:15	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 18:15	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 18:15	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 18:15	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 18:15	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 18:15	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 18:15	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 18:15	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 18:15	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 18:15	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 18:15	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 18:15	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 18:15	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 18:15	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 18:15	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 18:15	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 18:15	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 18:15	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 18:15	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 18:15	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 18:15	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 18:15	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 18:15	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 18:15	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 18:15	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 18:15	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 18:15	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 18:15	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 18:15	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 18:15	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 18:15	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 18:15	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 18:15	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 18:15	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 18:15	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 18:15	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 18:15	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 18:15	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 18:15	WG2251620
Xylenes, Total	0.0582	E4	0.0220	0.163	1	03/22/2024 18:15	WG2251620
(S) Toluene-d8	*101*			*75.0-131*		*03/22/2024 18:15*	WG2251620
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*03/22/2024 18:15*	WG2251620
(S) 1,2-Dichloroethane-d4	*96.5*			*70.0-130*		*03/22/2024 18:15*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 18:34	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 18:34	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 18:34	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 18:34	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 18:34	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 18:34	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 18:34	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 18:34	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 18:34	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 18:34	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 18:34	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 18:34	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 18:34	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 18:34	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 18:34	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 18:34	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 18:34	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 18:34	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 18:34	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 18:34	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 18:34	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 18:34	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 18:34	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 18:34	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 18:34	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 18:34	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 18:34	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 18:34	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 18:34	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 18:34	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 18:34	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 18:34	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 18:34	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 18:34	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 18:34	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 18:34	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 18:34	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 18:34	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 18:34	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 18:34	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 18:34	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 18:34	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 18:34	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 18:34	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 18:34	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 18:34	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 18:34	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 18:34	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 18:34	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 18:34	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 18:34	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 18:34	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 18:34	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 18:34	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 18:34	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 18:34	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 18:34	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 18:34	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 18:34	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 18:34	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 18:34	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 18:34	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 18:34	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 18:34	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 18:34	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 18:34	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 18:34	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 18:34	WG2251620
1,2,4-Trimethylbenzene	0.0782	E4	0.0395	0.125	1	03/22/2024 18:34	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 18:34	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 18:34	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 18:34	WG2251620
Xylenes, Total	0.0810	E4	0.0220	0.163	1	03/22/2024 18:34	WG2251620
(S) Toluene-d8	*99.1*			*75.0-131*		*03/22/2024 18:34*	WG2251620
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/22/2024 18:34*	WG2251620
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*03/22/2024 18:34*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 18:53	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 18:53	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 18:53	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 18:53	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 18:53	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 18:53	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 18:53	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 18:53	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 18:53	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 18:53	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 18:53	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 18:53	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 18:53	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 18:53	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 18:53	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 18:53	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 18:53	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 18:53	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 18:53	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 18:53	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 18:53	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 18:53	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 18:53	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 18:53	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 18:53	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 18:53	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 18:53	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 18:53	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 18:53	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 18:53	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 18:53	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 18:53	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 18:53	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 18:53	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 18:53	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 18:53	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 18:53	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 18:53	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 18:53	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 18:53	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 18:53	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 18:53	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 18:53	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 18:53	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 18:53	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 18:53	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 18:53	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 18:53	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 18:53	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 18:53	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 18:53	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 18:53	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 18:53	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 18:53	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 18:53	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 18:53	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 18:53	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 18:53	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 18:53	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 18:53	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 18:53	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 18:53	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 18:53	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 18:53	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 18:53	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 18:53	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 18:53	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 18:53	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 18:53	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 18:53	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 18:53	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 18:53	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 18:53	WG2251620
(S) Toluene-d8	*100*			*75.0-131*		*03/22/2024 18:53*	WG2251620
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/22/2024 18:53*	WG2251620
(S) 1,2-Dichloroethane-d4	*98.7*			*70.0-130*		*03/22/2024 18:53*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 19:12	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 19:12	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 19:12	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 19:12	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 19:12	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 19:12	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 19:12	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 19:12	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 19:12	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 19:12	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 19:12	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 19:12	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 19:12	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 19:12	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 19:12	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 19:12	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 19:12	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 19:12	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 19:12	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 19:12	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 19:12	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 19:12	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 19:12	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 19:12	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 19:12	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 19:12	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 19:12	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 19:12	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 19:12	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 19:12	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 19:12	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 19:12	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 19:12	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 19:12	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 19:12	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 19:12	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 19:12	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 19:12	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 19:12	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 19:12	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 19:12	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 19:12	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 19:12	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 19:12	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 19:12	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 19:12	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 19:12	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 19:12	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 19:12	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 19:12	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 19:12	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 19:12	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 19:12	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 19:12	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 19:12	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 19:12	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 19:12	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 19:12	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 19:12	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 19:12	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 19:12	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 19:12	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 19:12	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 19:12	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 19:12	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 19:12	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 19:12	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 19:12	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 19:12	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 19:12	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 19:12	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 19:12	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 19:12	WG2251620
(S) Toluene-d8	*103*			*75.0-131*		*03/22/2024 19:12*	WG2251620
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/22/2024 19:12*	WG2251620
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*03/22/2024 19:12*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 19:30	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 19:30	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 19:30	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 19:30	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 19:30	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 19:30	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 19:30	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 19:30	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 19:30	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 19:30	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 19:30	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 19:30	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 19:30	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 19:30	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 19:30	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 19:30	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 19:30	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 19:30	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 19:30	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 19:30	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 19:30	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 19:30	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 19:30	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 19:30	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 19:30	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 19:30	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 19:30	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 19:30	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 19:30	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 19:30	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 19:30	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 19:30	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 19:30	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 19:30	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 19:30	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 19:30	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 19:30	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 19:30	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 19:30	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 19:30	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 19:30	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 19:30	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 19:30	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 19:30	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 19:30	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 19:30	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 19:30	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 19:30	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 19:30	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 19:30	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 19:30	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 19:30	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 19:30	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 19:30	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 19:30	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 19:30	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 19:30	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 19:30	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 19:30	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 19:30	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 19:30	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 19:30	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 19:30	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 19:30	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 19:30	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 19:30	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 19:30	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 19:30	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 19:30	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 19:30	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 19:30	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 19:30	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 19:30	WG2251620
(S) Toluene-d8	*98.6*			*75.0-131*		*03/22/2024 19:30*	WG2251620
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/22/2024 19:30*	WG2251620
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*03/22/2024 19:30*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 19:49	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 19:49	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 19:49	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 19:49	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 19:49	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 19:49	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 19:49	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 19:49	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 19:49	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 19:49	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 19:49	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 19:49	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 19:49	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 19:49	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 19:49	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 19:49	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 19:49	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 19:49	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 19:49	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 19:49	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 19:49	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 19:49	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 19:49	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 19:49	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 19:49	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 19:49	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 19:49	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 19:49	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 19:49	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 19:49	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 19:49	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 19:49	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 19:49	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 19:49	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 19:49	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 19:49	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 19:49	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 19:49	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 19:49	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 19:49	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 19:49	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 19:49	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 19:49	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 19:49	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 19:49	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 19:49	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 19:49	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 19:49	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 19:49	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 19:49	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 19:49	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 19:49	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 19:49	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 19:49	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 19:49	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 19:49	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 19:49	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 19:49	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 19:49	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 19:49	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 19:49	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 19:49	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 19:49	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 19:49	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 19:49	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 19:49	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 19:49	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 19:49	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 19:49	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 19:49	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 19:49	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 19:49	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 19:49	WG2251620
(S) Toluene-d8	*101*			*75.0-131*		*03/22/2024 19:49*	WG2251620
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/22/2024 19:49*	WG2251620
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*		*03/22/2024 19:49*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 20:08	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 20:08	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 20:08	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 20:08	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 20:08	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 20:08	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 20:08	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 20:08	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 20:08	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 20:08	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 20:08	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 20:08	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 20:08	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 20:08	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 20:08	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 20:08	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 20:08	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 20:08	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 20:08	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 20:08	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 20:08	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 20:08	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 20:08	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 20:08	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 20:08	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 20:08	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 20:08	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 20:08	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 20:08	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 20:08	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 20:08	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 20:08	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 20:08	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 20:08	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 20:08	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 20:08	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 20:08	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 20:08	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 20:08	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 20:08	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 20:08	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 20:08	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 20:08	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 20:08	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 20:08	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 20:08	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 20:08	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 20:08	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 20:08	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 20:08	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 20:08	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 20:08	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 20:08	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 20:08	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 20:08	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 20:08	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 20:08	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 20:08	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 20:08	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 20:08	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 20:08	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 20:08	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 20:08	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 20:08	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 20:08	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 20:08	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 20:08	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 20:08	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 20:08	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 20:08	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 20:08	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 20:08	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 20:08	WG2251620
(S) Toluene-d8	*102*			*75.0-131*		*03/22/2024 20:08*	WG2251620
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/22/2024 20:08*	WG2251620
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*03/22/2024 20:08*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 20:27	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 20:27	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 20:27	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 20:27	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 20:27	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 20:27	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 20:27	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 20:27	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 20:27	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 20:27	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 20:27	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 20:27	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 20:27	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 20:27	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 20:27	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 20:27	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 20:27	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 20:27	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 20:27	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 20:27	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 20:27	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 20:27	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 20:27	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 20:27	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 20:27	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 20:27	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 20:27	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 20:27	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 20:27	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 20:27	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 20:27	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 20:27	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 20:27	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 20:27	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 20:27	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 20:27	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 20:27	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 20:27	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 20:27	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 20:27	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 20:27	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 20:27	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 20:27	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 20:27	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 20:27	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 20:27	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 20:27	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 20:27	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 20:27	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 20:27	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 20:27	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 20:27	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 20:27	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 20:27	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 20:27	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 20:27	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 20:27	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 20:27	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 20:27	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 20:27	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 20:27	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 20:27	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 20:27	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 20:27	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 20:27	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 20:27	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 20:27	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 20:27	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 20:27	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 20:27	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 20:27	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 20:27	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 20:27	WG2251620
(S) Toluene-d8	*102*			*75.0-131*		*03/22/2024 20:27*	WG2251620
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*03/22/2024 20:27*	WG2251620
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*03/22/2024 20:27*	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	03/22/2024 20:46	WG2251620
Acrylonitrile	U		0.0903	0.313	1	03/22/2024 20:46	WG2251620
Benzene	U		0.0117	0.0250	1	03/22/2024 20:46	WG2251620
Bromobenzene	U		0.0225	0.313	1	03/22/2024 20:46	WG2251620
Bromodichloromethane	U		0.0181	0.0625	1	03/22/2024 20:46	WG2251620
Bromoform	U		0.0293	0.625	1	03/22/2024 20:46	WG2251620
Bromomethane	U		0.0493	0.313	1	03/22/2024 20:46	WG2251620
1,3-Butadiene	U		0.128	0.625	1	03/22/2024 20:46	WG2251620
n-Butylbenzene	U		0.131	0.313	1	03/22/2024 20:46	WG2251620
sec-Butylbenzene	U		0.0720	0.313	1	03/22/2024 20:46	WG2251620
tert-Butylbenzene	U		0.0488	0.125	1	03/22/2024 20:46	WG2251620
Carbon disulfide	U		0.0175	0.313	1	03/22/2024 20:46	WG2251620
Carbon tetrachloride	U		0.0225	0.125	1	03/22/2024 20:46	WG2251620
Chlorobenzene	U		0.00525	0.0625	1	03/22/2024 20:46	WG2251620
Chlorodibromomethane	U		0.0153	0.0625	1	03/22/2024 20:46	WG2251620
Chloroethane	U		0.0425	0.125	1	03/22/2024 20:46	WG2251620
Chloroform	U		0.0258	0.0625	1	03/22/2024 20:46	WG2251620
Chloromethane	U		0.109	0.313	1	03/22/2024 20:46	WG2251620
2-Chlorotoluene	U		0.0216	0.0625	1	03/22/2024 20:46	WG2251620
4-Chlorotoluene	U		0.0113	0.125	1	03/22/2024 20:46	WG2251620
Cyclohexane	U		0.0278	0.0625	1	03/22/2024 20:46	WG2251620
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/22/2024 20:46	WG2251620
1,2-Dibromoethane	U		0.0162	0.0625	1	03/22/2024 20:46	WG2251620
Dibromomethane	U		0.0188	0.125	1	03/22/2024 20:46	WG2251620
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/22/2024 20:46	WG2251620
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/22/2024 20:46	WG2251620
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/22/2024 20:46	WG2251620
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/22/2024 20:46	WG2251620
1,1-Dichloroethane	U		0.0123	0.0625	1	03/22/2024 20:46	WG2251620
1,2-Dichloroethane	U		0.0162	0.0625	1	03/22/2024 20:46	WG2251620
1,1-Dichloroethene	U		0.0152	0.0625	1	03/22/2024 20:46	WG2251620
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/22/2024 20:46	WG2251620
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/22/2024 20:46	WG2251620
1,2-Dichloropropane	U		0.0355	0.125	1	03/22/2024 20:46	WG2251620
1,1-Dichloropropene	U		0.0202	0.0625	1	03/22/2024 20:46	WG2251620
1,3-Dichloropropane	U		0.0125	0.125	1	03/22/2024 20:46	WG2251620
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/22/2024 20:46	WG2251620
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/22/2024 20:46	WG2251620
2,2-Dichloropropane	U		0.0345	0.0625	1	03/22/2024 20:46	WG2251620
Dicyclopentadiene	U		0.0413	0.313	1	03/22/2024 20:46	WG2251620
Di-isopropyl ether	U		0.0103	0.0250	1	03/22/2024 20:46	WG2251620
Ethylbenzene	U		0.0184	0.0625	1	03/22/2024 20:46	WG2251620
4-Ethyltoluene	U		0.0580	0.125	1	03/22/2024 20:46	WG2251620
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/22/2024 20:46	WG2251620
n-Hexane	U		0.0565	0.125	1	03/22/2024 20:46	WG2251620
Isopropylbenzene	U		0.0106	0.0625	1	03/22/2024 20:46	WG2251620
p-Isopropyltoluene	U		0.0638	0.125	1	03/22/2024 20:46	WG2251620
2-Butanone (MEK)	U		1.59	2.50	1	03/22/2024 20:46	WG2251620
Methylene Chloride	U		0.166	0.625	1	03/22/2024 20:46	WG2251620
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/22/2024 20:46	WG2251620
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/22/2024 20:46	WG2251620
Methyl Cyclohexane	U		0.0515	0.125	1	03/22/2024 20:46	WG2251620
Naphthalene	U		0.122	0.313	1	03/22/2024 20:46	WG2251620
Propene	U		0.153	1.25	1	03/22/2024 20:46	WG2251620
n-Propylbenzene	U		0.0238	0.125	1	03/22/2024 20:46	WG2251620
Styrene	U		0.00573	0.313	1	03/22/2024 20:46	WG2251620

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/22/2024 20:46	WG2251620
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/22/2024 20:46	WG2251620
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/22/2024 20:46	WG2251620
Tetrachloroethene	U		0.0224	0.0625	1	03/22/2024 20:46	WG2251620
Toluene	U		0.0325	0.125	1	03/22/2024 20:46	WG2251620
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/22/2024 20:46	WG2251620
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/22/2024 20:46	WG2251620
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/22/2024 20:46	WG2251620
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/22/2024 20:46	WG2251620
Trichloroethene	U		0.0146	0.0250	1	03/22/2024 20:46	WG2251620
Trichlorofluoromethane	U		0.0207	0.0625	1	03/22/2024 20:46	WG2251620
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/22/2024 20:46	WG2251620
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 20:46	WG2251620
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/22/2024 20:46	WG2251620
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/22/2024 20:46	WG2251620
Vinyl chloride	U		0.0290	0.0625	1	03/22/2024 20:46	WG2251620
Xylenes, Total	U		0.0220	0.163	1	03/22/2024 20:46	WG2251620
(S) Toluene-d8	*101*			*75.0-131*		*03/22/2024 20:46*	WG2251620
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*03/22/2024 20:46*	WG2251620
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*		*03/22/2024 20:46*	WG2251620

Method Blank (MB)

(MB) R4049906-3 03/22/24 15:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4049906-3 03/22/24 15:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*106*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049906-1 03/22/24 11:56 • (LCSD) R4049906-2 03/22/24 13:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.855	1.01	137	162	30.0-160		L1	16.6	31
Acrylonitrile	0.625	0.697	0.747	112	120	45.0-153			6.93	22
Benzene	0.125	0.114	0.122	91.2	97.6	70.0-123			6.78	20
Bromobenzene	0.125	0.111	0.119	88.8	95.2	73.0-121			6.96	20
Bromodichloromethane	0.125	0.131	0.142	105	114	73.0-121			8.06	20
Bromoform	0.125	0.121	0.130	96.8	104	64.0-132			7.17	20
Bromomethane	0.125	0.109	0.123	87.2	98.4	56.0-147			12.1	20
1,3-Butadiene	0.125	0.113	0.127	90.4	102	32.0-150			11.7	20
n-Butylbenzene	0.125	0.127	0.125	102	100	68.0-135			1.59	20
sec-Butylbenzene	0.125	0.121	0.122	96.8	97.6	74.0-130			0.823	20
tert-Butylbenzene	0.125	0.117	0.121	93.6	96.8	75.0-127			3.36	20
Carbon disulfide	0.125	0.103	0.112	82.4	89.6	56.0-133			8.37	20
Carbon tetrachloride	0.125	0.134	0.147	107	118	66.0-128			9.25	20
Chlorobenzene	0.125	0.109	0.115	87.2	92.0	76.0-128			5.36	20
Chlorodibromomethane	0.125	0.122	0.127	97.6	102	74.0-127			4.02	20
Chloroethane	0.125	0.113	0.122	90.4	97.6	61.0-134			7.66	20
Chloroform	0.125	0.114	0.134	91.2	107	72.0-123			16.1	20
Chloromethane	0.125	0.111	0.121	88.8	96.8	51.0-138			8.62	20
2-Chlorotoluene	0.125	0.111	0.118	88.8	94.4	75.0-124			6.11	20
4-Chlorotoluene	0.125	0.113	0.121	90.4	96.8	75.0-124			6.84	20
Cyclohexane	0.125	0.105	0.115	84.0	92.0	70.0-130			9.09	20
1,2-Dibromo-3-Chloropropane	0.125	0.109	0.120	87.2	96.0	59.0-130			9.61	20
1,2-Dibromoethane	0.125	0.120	0.132	96.0	106	74.0-128			9.52	20
Dibromomethane	0.125	0.131	0.146	105	117	75.0-122			10.8	20
1,2-Dichlorobenzene	0.125	0.117	0.122	93.6	97.6	76.0-124			4.18	20
1,3-Dichlorobenzene	0.125	0.118	0.121	94.4	96.8	76.0-125			2.51	20
1,4-Dichlorobenzene	0.125	0.114	0.121	91.2	96.8	77.0-121			5.96	20
Dichlorodifluoromethane	0.125	0.137	0.141	110	113	43.0-156			2.88	20
1,1-Dichloroethane	0.125	0.123	0.128	98.4	102	70.0-127			3.98	20
1,2-Dichloroethane	0.125	0.131	0.137	105	110	65.0-131			4.48	20
1,1-Dichloroethene	0.125	0.124	0.137	99.2	110	65.0-131			9.96	20
cis-1,2-Dichloroethene	0.125	0.117	0.122	93.6	97.6	73.0-125			4.18	20
trans-1,2-Dichloroethene	0.125	0.114	0.122	91.2	97.6	71.0-125			6.78	20
1,2-Dichloropropane	0.125	0.128	0.136	102	109	74.0-125			6.06	20
1,1-Dichloropropene	0.125	0.126	0.139	101	111	73.0-125			9.81	20
1,3-Dichloropropane	0.125	0.123	0.129	98.4	103	80.0-125			4.76	20
cis-1,3-Dichloropropene	0.125	0.135	0.145	108	116	76.0-127			7.14	20
trans-1,3-Dichloropropene	0.125	0.124	0.133	99.2	106	73.0-127			7.00	20
2,2-Dichloropropane	0.125	0.125	0.121	100	96.8	59.0-135			3.25	20
Dicyclopentadiene	0.125	0.122	0.123	97.6	98.4	71.0-132			0.816	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049906-1 03/22/24 11:56 • (LCSD) R4049906-2 03/22/24 13:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.129	0.142	103	114	60.0-136			9.59	20
Ethylbenzene	0.125	0.114	0.120	91.2	96.0	74.0-126			5.13	20
4-Ethyltoluene	0.125	0.117	0.121	93.6	96.8	71.0-129			3.36	20
Hexachloro-1,3-butadiene	0.125	0.160	0.134	128	107	57.0-150			17.7	20
n-Hexane	0.125	0.123	0.125	98.4	100	55.0-137			1.61	20
Isopropylbenzene	0.125	0.122	0.131	97.6	105	72.0-127			7.11	20
p-Isopropyltoluene	0.125	0.120	0.122	96.0	97.6	72.0-133			1.65	20
2-Butanone (MEK)	0.625	0.774	0.843	124	135	30.0-160			8.53	24
Methylene Chloride	0.125	0.120	0.129	96.0	103	68.0-123			7.23	20
4-Methyl-2-pentanone (MIBK)	0.625	0.651	0.718	104	115	56.0-143			9.79	20
Methyl tert-butyl ether	0.125	0.130	0.141	104	113	66.0-132			8.12	20
Methyl Cyclohexane	0.125	0.130	0.142	104	114	67.0-129			8.82	20
Naphthalene	0.125	0.115	0.123	92.0	98.4	59.0-130			6.72	20
Propene	0.125	0.0977	0.0932	78.2	74.6	30.0-160			4.71	20
n-Propylbenzene	0.125	0.111	0.117	88.8	93.6	74.0-126			5.26	20
Styrene	0.125	0.116	0.123	92.8	98.4	72.0-127			5.86	20
1,1,1,2-Tetrachloroethane	0.125	0.118	0.123	94.4	98.4	74.0-129			4.15	20
1,1,2,2-Tetrachloroethane	0.125	0.106	0.106	84.8	84.8	68.0-128			0.000	20
1,1,2-Trichlorotrifluoroethane	0.125	0.106	0.121	84.8	96.8	61.0-139			13.2	20
Tetrachloroethene	0.125	0.119	0.127	95.2	102	70.0-136			6.50	20
Toluene	0.125	0.108	0.114	86.4	91.2	75.0-121			5.41	20
1,2,3-Trichlorobenzene	0.125	0.156	0.152	125	122	59.0-139			2.60	20
1,2,4-Trichlorobenzene	0.125	0.142	0.144	114	115	62.0-137			1.40	20
1,1,1-Trichloroethane	0.125	0.132	0.143	106	114	69.0-126			8.00	20
1,1,2-Trichloroethane	0.125	0.124	0.132	99.2	106	78.0-123			6.25	20
Trichloroethene	0.125	0.129	0.145	103	116	76.0-126			11.7	20
Trichlorofluoromethane	0.125	0.122	0.133	97.6	106	61.0-142			8.63	20
1,2,3-Trichloropropane	0.125	0.113	0.123	90.4	98.4	67.0-129			8.47	20
1,2,4-Trimethylbenzene	0.125	0.117	0.119	93.6	95.2	70.0-126			1.69	20
1,2,3-Trimethylbenzene	0.125	0.117	0.120	93.6	96.0	74.0-124			2.53	20
1,3,5-Trimethylbenzene	0.125	0.110	0.113	88.0	90.4	73.0-127			2.69	20
Vinyl chloride	0.125	0.129	0.136	103	109	63.0-134			5.28	20
Xylenes, Total	0.375	0.345	0.372	92.0	99.2	72.0-127			7.53	20
(S) Toluene-d8				*97.1*	*94.4*	*75.0-131*				
(S) 4-Bromofluorobenzene				*107*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R4046452-2 03/16/24 00:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*74.7*			*23.0-120*
(S) Nitrobenzene-d5	*29.1*			*14.0-149*
(S) 2-Fluorobiphenyl	*37.4*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4046452-1 03/16/24 00:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0573	71.6	50.0-126	
Acenaphthene	0.0800	0.0550	68.8	50.0-120	
Acenaphthylene	0.0800	0.0570	71.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0579	72.4	45.0-120	
Benzo(a)pyrene	0.0800	0.0478	59.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0604	75.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0567	70.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0552	69.0	49.0-125	
Chrysene	0.0800	0.0591	73.9	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0582	72.8	47.0-125	
Fluoranthene	0.0800	0.0646	80.7	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4046452-1 03/16/24 00:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0626	78.3	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0554	69.3	46.0-125	
Naphthalene	0.0800	0.0549	68.6	50.0-120	
Phenanthrene	0.0800	0.0611	76.4	47.0-120	
Pyrene	0.0800	0.0563	70.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0611	76.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0593	74.1	50.0-120	
2-Chloronaphthalene	0.0800	0.0594	74.3	50.0-120	
(S) p-Terphenyl-d14			*77.3*	*23.0-120*	
(S) Nitrobenzene-d5			*62.7*	*14.0-149*	
(S) 2-Fluorobiphenyl			*65.6*	*34.0-125*	

L1715536-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1715536-03 03/16/24 01:06 • (MS) R4046452-3 03/16/24 01:23 • (MSD) R4046452-4 03/16/24 01:40

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0796	U	0.0475	0.0344	59.7	43.7	1	10.0-145		R5	32.0	30
Acenaphthene	0.0796	U	0.0419	0.0324	52.6	41.1	1	14.0-127			25.6	27
Acenaphthylene	0.0796	U	0.0437	0.0337	54.9	42.8	1	21.0-124		R5	25.8	25
Benzo(a)anthracene	0.0796	U	0.0472	0.0343	59.3	43.5	1	10.0-139		R5	31.7	30
Benzo(a)pyrene	0.0796	U	0.0454	0.0326	57.0	41.4	1	10.0-141		R5	32.8	31
Benzo(b)fluoranthene	0.0796	U	0.0476	0.0362	59.8	45.9	1	10.0-140			27.2	36
Benzo(g,h,i)perylene	0.0796	U	0.0472	0.0342	59.3	43.4	1	10.0-140			31.9	33
Benzo(k)fluoranthene	0.0796	U	0.0471	0.0328	59.2	41.6	1	10.0-137		R5	35.8	31
Chrysene	0.0796	U	0.0488	0.0352	61.3	44.7	1	10.0-145		R5	32.4	30
Dibenz(a,h)anthracene	0.0796	U	0.0474	0.0336	59.5	42.6	1	10.0-132		R5	34.1	31
Fluoranthene	0.0796	U	0.0523	0.0381	65.7	48.4	1	10.0-153			31.4	33
Fluorene	0.0796	U	0.0513	0.0369	64.4	46.8	1	11.0-130		R5	32.7	29
Indeno(1,2,3-cd)pyrene	0.0796	U	0.0452	0.0322	56.8	40.9	1	10.0-137		R5	33.6	32
Naphthalene	0.0796	U	0.0379	0.0301	47.6	38.2	1	10.0-135			22.9	27
Phenanthrene	0.0796	U	0.0501	0.0369	62.9	46.8	1	10.0-144			30.3	31
Pyrene	0.0796	U	0.0474	0.0345	59.5	43.8	1	10.0-148			31.5	35
1-Methylnaphthalene	0.0796	U	0.0428	0.0343	53.8	43.5	1	10.0-142			22.0	28
2-Methylnaphthalene	0.0796	U	0.0421	0.0334	52.9	42.4	1	10.0-137			23.0	28
2-Chloronaphthalene	0.0796	U	0.0446	0.0350	56.0	44.4	1	29.0-120		R5	24.1	24
(S) p-Terphenyl-d14					*59.8*	*45.9*		*23.0-120*				
(S) Nitrobenzene-d5					*49.0*	*26.6*		*14.0-149*				
(S) 2-Fluorobiphenyl					*50.4*	*29.8*		*34.0-125*		S6		

INTERNAL STANDARD SUMMARY

Instrument: VOCMS56 • File ID: 0322_03

03/22/24 11:56

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0322_03	1372123	646758.60	537115.20
Upper Limit		2744246	1293517	1074230
Lower Limit		686062	323379	268558
LCS R4049906-1 WG2251620 1x	0322_03LCS	1372123	646758.60	537115.20
LCSD R4049906-2 WG2251620 1x	0322_04	1181222	565101	472208
BLANK R4049906-3 WG2251620 1x	0322_08	1167916	503426.80	416198.40
L1715536-01 WG2251620 1x	0322_09	1205303	526221.90	432843.50
L1715536-02 WG2251620 1.14x	0322_10	1160638	520125.70	413470.70
L1715536-03 WG2251620 1x	0322_11	1212985	532784.20	405887.40
L1715536-04 WG2251620 1x	0322_12	1220024	536439.50	418937.90
L1715536-05 WG2251620 1x	0322_13	1226175	553586.60	440584.90
L1715536-06 WG2251620 1x	0322_14	1187042	529199.60	419705.90
L1715536-07 WG2251620 1.02x	0322_15	1274906	571358.50	454460
L1715536-08 WG2251620 1x	0322_16	1439838	629280.70	505247.60
L1715536-09 WG2251620 1x	0322_17	1549651	691548.70	541623.70
L1715536-10 WG2251620 1x	0322_18	1440934	639607.40	506767.80
L1715536-11 WG2251620 1x	0322_19	1320763	565945.90	467008.80
L1715536-12 WG2251620 1x	0322_20	1506427	666525.20	517581.40
L1715536-13 WG2251620 1x	0322_21	1329632	583037	464798.40
L1715536-14 WG2251620 1x	0322_22	1340638	567172.70	468087.40
L1715536-15 WG2251620 1x	0322_23	1374900	601167.70	479236.10
L1715536-16 WG2251620 1x	0322_24	1365885	611233.70	481220.30

Instrument: BNAMS28 • File ID: 0315A_03

03/15/24 23:57

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0315A_03	32679	17724	34842	33189	32436
Upper Limit		65358	35448	69684	66378	64872
Lower Limit		16340	8862	17421	16595	16218
LCS R4046452-1 WG2247639 1x	0315A_04	30657	16603	34084	32273	30651
BLANK R4046452-2 WG2247639 1x	0315A_05	28753	15547	31405	28605	27259
L1715536-03 WG2247639 1x	0315A_07	31003	16809	34047	30751	29039
MS R4046452-3 WG2247639 1x	0315A_08	30030	16209	32703	29845	27994
MSD R4046452-4 WG2247639 1x	0315A_09	31549	16823	33665	30442	28356

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S6	Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Encore Consulting, LLC.
950 W Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Encore Consulting, LLC.
950 W Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: Shanda Wagner

Email To: shanda@encore-consulting.net

Project Description: Circle K Store No. 2705326

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: 480-253-1778

Client Project # CK2705326

Lab Project #

Collected by (print): Makinna Balasko

Site/Facility ID # CK2705326

P.O. # 2705326

Collected by (signature): Makinna Balasko

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: normal TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1715536

Table H151

Acctnum: ENCORETHZ

Template:

Prelogin:

PM:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Soil VOC's (40 mL amber) 8260D	Soil PAHs (4oz clear jar) 8270 SIM	Hold PAH	Remarks	Sample # (lab only)
SB-8-5	G	SS	5	3/13/24	0821	2	X	X	/		-01
SB-8-10	G	SS	10	3/13/24	0829	2	X	X	/		-02
SB-8-15	G	SS	15	3/13/24	0837	2	X	X			-03
SB-8-20	G	SS	20	3/13/24	0918	2	X	X	/		-04
SB-8-25	G	SS	25	3/13/24	0927	2	X	X	/		-05
SB-8-30	G	SS	30	3/13/24	0936	2	X	X	/		-06
SB-8-35	G	SS	35	3/13/24	0947	2	X	X	/		-07
SB-8-40	G	SS	40	3/13/24	0954	2	X	X	/		-08
SB-8-45	G	SS	45	3/13/24	1005	2	X	X	/		-09
SB-8-50	G	SS	50	3/13/24	1019	2	X	X	/		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: hold PAHs, except SB-18-15

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Makinna Balasko	03/13/24	1507	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/14/24	1025	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3/14/24	1800	SRA Easton Organ

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 0.9 °C 2.3+0 Bottles Received: 30 32 TO 3/15

Date: 3/15/24 Time: 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PNPAZ

Encore Consulting, LLC.
950 W Elliot Rd.
Suite 110
Tempe, AZ 85284

Billing Information:
11 11

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Shandar Wagner

Email To: Shandar@encore-consulting.net

Project Description: Circle K Store No. 2705326

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: 480-258-1778

Client Project # CK 2705326

Lab Project #

SDG # L715536

Table #

Collected by (print): Makinna Balasko

Site/Facility ID # CK 2705326

P.O. # 2705326

Acctnum: ENCORETAZ

Template:

Prelogin:

PM:

PB:

Collected by (signature): Makinna Balasko

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: normal TAT

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Soil VOCs (8260B)	Soil PAHs (8270 SIM)	Hold PAH	Remarks	Sample # (lab only)
SB-8-55	G	SS	55	3/13/24	1031	2	X	X	/		-11
SB-8-60	G	SS	60	3/13/24	1056	2	X	X	/		-12
SB-8-65	G	SS	65	3/13/24	1105	2	X	X	/		-13
SB-8-70	G	SS	70	3/13/24	1118	2	X	X	/		-14
SB-8-75	G	SS	75	3/13/24	1134	2	X	X	/		-15
SB-8-80	G	SS	80	3/13/24	1145	2	X	X	/		-16

CSS

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: hold PAHs

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Makinna Balasko	03/13/24	1507	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/14/24	1025	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3/14/24	1800	SMA Easton Organ

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 2.3 °C Bottles Received: 32

If preservation required by Login: Date/Time

Date: 3/15/24 Time: 0801

Hold:

Condition: NCF / OK

PNPAZ

ANALYTICAL REPORT

March 27, 2024

EnCore Consulting, LLC.

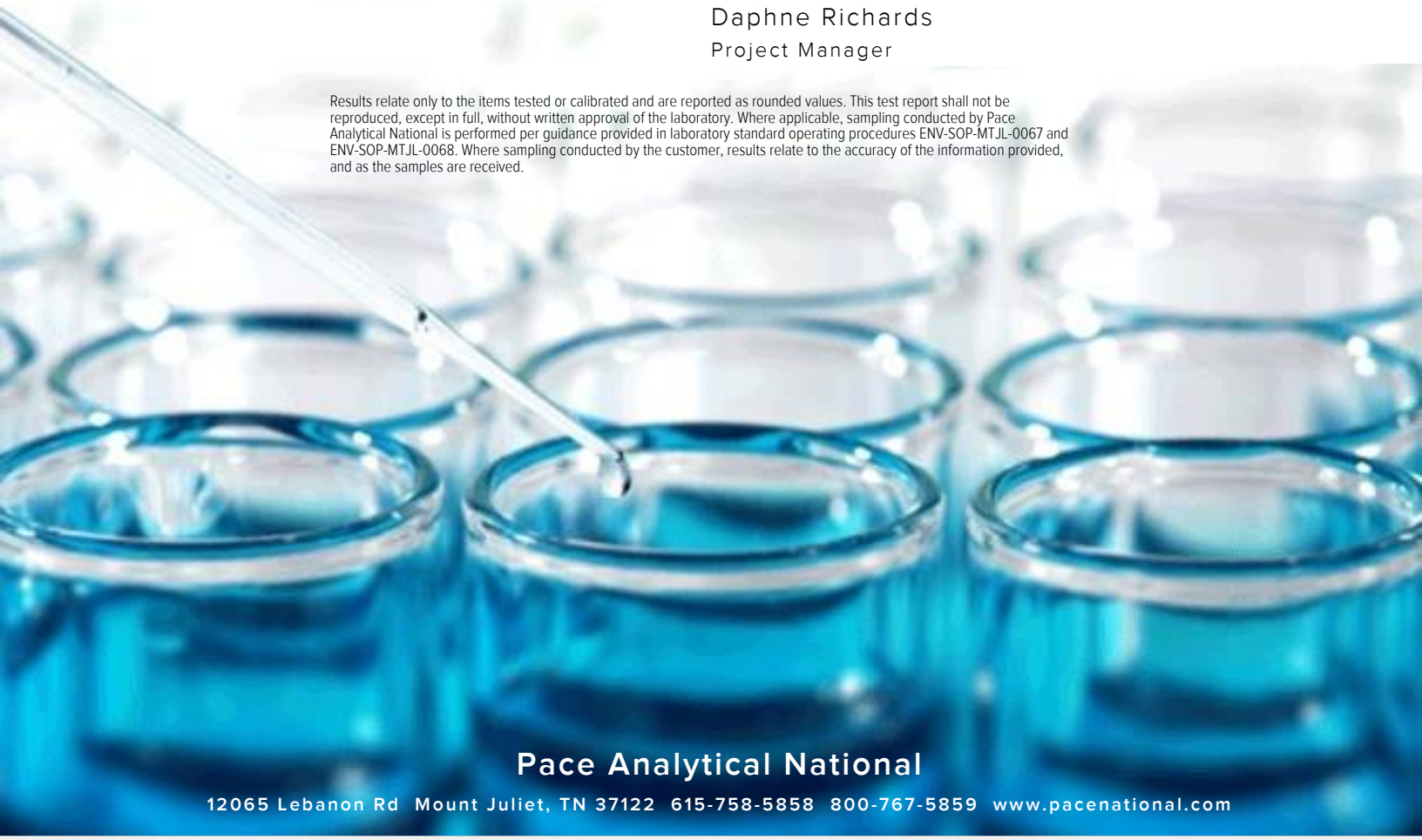
Sample Delivery Group:	L1717297
Samples Received:	03/21/2024
Project Number:	2705326
Description:	
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-8-140 L1717297-01 Solid

Collected by: MB | Collected date/time: 03/19/24 10:06 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1.84	03/19/24 10:06	03/25/24 13:56	JHH	Mt. Juliet, TN

SB-8-145 L1717297-02 Solid

Collected by: MB | Collected date/time: 03/19/24 11:04 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1.14	03/19/24 11:04	03/25/24 14:16	JHH	Mt. Juliet, TN

SB-8-150 L1717297-03 Solid

Collected by: MB | Collected date/time: 03/19/24 12:35 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/19/24 12:35	03/25/24 14:36	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2252870	1	03/26/24 06:18	03/26/24 21:03	NWH	Mt. Juliet, TN

SB-8-155 L1717297-04 Solid

Collected by: MB | Collected date/time: 03/19/24 13:53 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1.31	03/19/24 13:53	03/25/24 14:55	JHH	Mt. Juliet, TN

SB-8-160 L1717297-05 Solid

Collected by: MB | Collected date/time: 03/19/24 14:49 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1.24	03/19/24 14:49	03/25/24 15:15	JHH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1717297-01	SB-8-140	8260B
L1717297-02	SB-8-145	8260B
L1717297-03	SB-8-150	8260B
L1717297-04	SB-8-155	8260B
L1717297-05	SB-8-160	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.68	2.30	1.84	03/25/2024 13:56	WG2253427
Acrylonitrile	U		0.166	0.575	1.84	03/25/2024 13:56	WG2253427
Benzene	U		0.0215	0.0460	1.84	03/25/2024 13:56	WG2253427
Bromobenzene	U		0.0414	0.575	1.84	03/25/2024 13:56	WG2253427
Bromodichloromethane	U		0.0333	0.115	1.84	03/25/2024 13:56	WG2253427
Bromoform	U		0.0538	1.15	1.84	03/25/2024 13:56	WG2253427
Bromomethane	U		0.0906	0.575	1.84	03/25/2024 13:56	WG2253427
1,3-Butadiene	U	R7	0.236	1.15	1.84	03/25/2024 13:56	WG2253427
n-Butylbenzene	U		0.242	0.575	1.84	03/25/2024 13:56	WG2253427
sec-Butylbenzene	U		0.132	0.575	1.84	03/25/2024 13:56	WG2253427
tert-Butylbenzene	U	L2	0.0897	0.230	1.84	03/25/2024 13:56	WG2253427
Carbon disulfide	U		0.0322	0.575	1.84	03/25/2024 13:56	WG2253427
Carbon tetrachloride	U		0.0413	0.230	1.84	03/25/2024 13:56	WG2253427
Chlorobenzene	U		0.00966	0.115	1.84	03/25/2024 13:56	WG2253427
Chlorodibromomethane	U		0.0282	0.115	1.84	03/25/2024 13:56	WG2253427
Chloroethane	U		0.0782	0.230	1.84	03/25/2024 13:56	WG2253427
Chloroform	U		0.0474	0.115	1.84	03/25/2024 13:56	WG2253427
Chloromethane	U		0.200	0.575	1.84	03/25/2024 13:56	WG2253427
2-Chlorotoluene	U		0.0398	0.115	1.84	03/25/2024 13:56	WG2253427
4-Chlorotoluene	U		0.0207	0.230	1.84	03/25/2024 13:56	WG2253427
Cyclohexane	U		0.0511	0.115	1.84	03/25/2024 13:56	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.179	1.15	1.84	03/25/2024 13:56	WG2253427
1,2-Dibromoethane	U		0.0298	0.115	1.84	03/25/2024 13:56	WG2253427
Dibromomethane	U		0.0345	0.230	1.84	03/25/2024 13:56	WG2253427
1,2-Dichlorobenzene	U		0.0196	0.230	1.84	03/25/2024 13:56	WG2253427
1,3-Dichlorobenzene	U		0.0276	0.230	1.84	03/25/2024 13:56	WG2253427
1,4-Dichlorobenzene	U		0.0322	0.230	1.84	03/25/2024 13:56	WG2253427
Dichlorodifluoromethane	U	R7	0.0741	0.115	1.84	03/25/2024 13:56	WG2253427
1,1-Dichloroethane	U		0.0226	0.115	1.84	03/25/2024 13:56	WG2253427
1,2-Dichloroethane	U		0.0299	0.115	1.84	03/25/2024 13:56	WG2253427
1,1-Dichloroethene	U		0.0279	0.115	1.84	03/25/2024 13:56	WG2253427
cis-1,2-Dichloroethene	U		0.0338	0.115	1.84	03/25/2024 13:56	WG2253427
trans-1,2-Dichloroethene	U		0.0478	0.230	1.84	03/25/2024 13:56	WG2253427
1,2-Dichloropropane	U		0.0653	0.230	1.84	03/25/2024 13:56	WG2253427
1,1-Dichloropropene	U		0.0372	0.115	1.84	03/25/2024 13:56	WG2253427
1,3-Dichloropropane	U		0.0230	0.230	1.84	03/25/2024 13:56	WG2253427
cis-1,3-Dichloropropene	U		0.0348	0.115	1.84	03/25/2024 13:56	WG2253427
trans-1,3-Dichloropropene	U		0.0524	0.230	1.84	03/25/2024 13:56	WG2253427
2,2-Dichloropropane	U		0.0635	0.115	1.84	03/25/2024 13:56	WG2253427
Dicyclopentadiene	U		0.0759	0.575	1.84	03/25/2024 13:56	WG2253427
Di-isopropyl ether	U		0.0189	0.0460	1.84	03/25/2024 13:56	WG2253427
Ethylbenzene	U		0.0339	0.115	1.84	03/25/2024 13:56	WG2253427
4-Ethyltoluene	U		0.107	0.230	1.84	03/25/2024 13:56	WG2253427
Hexachloro-1,3-butadiene	U		0.276	1.15	1.84	03/25/2024 13:56	WG2253427
n-Hexane	U		0.104	0.230	1.84	03/25/2024 13:56	WG2253427
Isopropylbenzene	U		0.0196	0.115	1.84	03/25/2024 13:56	WG2253427
p-Isopropyltoluene	U		0.117	0.230	1.84	03/25/2024 13:56	WG2253427
2-Butanone (MEK)	U	R7	2.92	4.60	1.84	03/25/2024 13:56	WG2253427
Methylene Chloride	U		0.305	1.15	1.84	03/25/2024 13:56	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.105	1.15	1.84	03/25/2024 13:56	WG2253427
Methyl tert-butyl ether	U		0.0161	0.0460	1.84	03/25/2024 13:56	WG2253427
Methyl Cyclohexane	U		0.0948	0.230	1.84	03/25/2024 13:56	WG2253427
Naphthalene	U		0.224	0.575	1.84	03/25/2024 13:56	WG2253427
Propene	U	R7	0.282	2.30	1.84	03/25/2024 13:56	WG2253427
n-Propylbenzene	U		0.0437	0.230	1.84	03/25/2024 13:56	WG2253427
Styrene	U		0.0105	0.575	1.84	03/25/2024 13:56	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0436	0.115	1.84	03/25/2024 13:56	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0320	0.115	1.84	03/25/2024 13:56	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0347	0.115	1.84	03/25/2024 13:56	WG2253427
Tetrachloroethene	U		0.0412	0.115	1.84	03/25/2024 13:56	WG2253427
Toluene	U		0.0598	0.230	1.84	03/25/2024 13:56	WG2253427
1,2,3-Trichlorobenzene	U		0.337	0.575	1.84	03/25/2024 13:56	WG2253427
1,2,4-Trichlorobenzene	U		0.202	0.575	1.84	03/25/2024 13:56	WG2253427
1,1,1-Trichloroethane	U		0.0425	0.115	1.84	03/25/2024 13:56	WG2253427
1,1,2-Trichloroethane	U		0.0275	0.115	1.84	03/25/2024 13:56	WG2253427
Trichloroethene	U		0.0269	0.0460	1.84	03/25/2024 13:56	WG2253427
Trichlorofluoromethane	U		0.0380	0.115	1.84	03/25/2024 13:56	WG2253427
1,2,3-Trichloropropane	U		0.0745	0.575	1.84	03/25/2024 13:56	WG2253427
1,2,4-Trimethylbenzene	U		0.0727	0.230	1.84	03/25/2024 13:56	WG2253427
1,2,3-Trimethylbenzene	U		0.0727	0.230	1.84	03/25/2024 13:56	WG2253427
1,3,5-Trimethylbenzene	U		0.0920	0.230	1.84	03/25/2024 13:56	WG2253427
Vinyl chloride	U		0.0534	0.115	1.84	03/25/2024 13:56	WG2253427
Xylenes, Total	U		0.0405	0.299	1.84	03/25/2024 13:56	WG2253427
(S) Toluene-d8	*106*			*75.0-131*		*03/25/2024 13:56*	WG2253427
(S) 4-Bromofluorobenzene	*92.9*			*67.0-138*		*03/25/2024 13:56*	WG2253427
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*03/25/2024 13:56*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.04	1.43	1.14	03/25/2024 14:16	WG2253427
Acrylonitrile	U		0.103	0.356	1.14	03/25/2024 14:16	WG2253427
Benzene	U		0.0133	0.0285	1.14	03/25/2024 14:16	WG2253427
Bromobenzene	U		0.0257	0.356	1.14	03/25/2024 14:16	WG2253427
Bromodichloromethane	U		0.0207	0.0713	1.14	03/25/2024 14:16	WG2253427
Bromoform	U		0.0333	0.713	1.14	03/25/2024 14:16	WG2253427
Bromomethane	U		0.0561	0.356	1.14	03/25/2024 14:16	WG2253427
1,3-Butadiene	U	R7	0.146	0.713	1.14	03/25/2024 14:16	WG2253427
n-Butylbenzene	U		0.150	0.356	1.14	03/25/2024 14:16	WG2253427
sec-Butylbenzene	U		0.0821	0.356	1.14	03/25/2024 14:16	WG2253427
tert-Butylbenzene	U	L2	0.0556	0.143	1.14	03/25/2024 14:16	WG2253427
Carbon disulfide	U		0.0200	0.356	1.14	03/25/2024 14:16	WG2253427
Carbon tetrachloride	U		0.0256	0.143	1.14	03/25/2024 14:16	WG2253427
Chlorobenzene	U		0.00599	0.0713	1.14	03/25/2024 14:16	WG2253427
Chlorodibromomethane	U		0.0174	0.0713	1.14	03/25/2024 14:16	WG2253427
Chloroethane	U		0.0485	0.143	1.14	03/25/2024 14:16	WG2253427
Chloroform	U		0.0294	0.0713	1.14	03/25/2024 14:16	WG2253427
Chloromethane	U		0.124	0.356	1.14	03/25/2024 14:16	WG2253427
2-Chlorotoluene	U		0.0247	0.0713	1.14	03/25/2024 14:16	WG2253427
4-Chlorotoluene	U		0.0128	0.143	1.14	03/25/2024 14:16	WG2253427
Cyclohexane	U		0.0316	0.0713	1.14	03/25/2024 14:16	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.111	0.713	1.14	03/25/2024 14:16	WG2253427
1,2-Dibromoethane	U		0.0185	0.0713	1.14	03/25/2024 14:16	WG2253427
Dibromomethane	U		0.0214	0.143	1.14	03/25/2024 14:16	WG2253427
1,2-Dichlorobenzene	U		0.0121	0.143	1.14	03/25/2024 14:16	WG2253427
1,3-Dichlorobenzene	U		0.0171	0.143	1.14	03/25/2024 14:16	WG2253427
1,4-Dichlorobenzene	U		0.0200	0.143	1.14	03/25/2024 14:16	WG2253427
Dichlorodifluoromethane	U	R7	0.0459	0.0713	1.14	03/25/2024 14:16	WG2253427
1,1-Dichloroethane	U		0.0140	0.0713	1.14	03/25/2024 14:16	WG2253427
1,2-Dichloroethane	U		0.0185	0.0713	1.14	03/25/2024 14:16	WG2253427
1,1-Dichloroethene	U		0.0173	0.0713	1.14	03/25/2024 14:16	WG2253427
cis-1,2-Dichloroethene	U		0.0209	0.0713	1.14	03/25/2024 14:16	WG2253427
trans-1,2-Dichloroethene	U		0.0296	0.143	1.14	03/25/2024 14:16	WG2253427
1,2-Dichloropropane	U		0.0405	0.143	1.14	03/25/2024 14:16	WG2253427
1,1-Dichloropropene	U		0.0231	0.0713	1.14	03/25/2024 14:16	WG2253427
1,3-Dichloropropane	U		0.0143	0.143	1.14	03/25/2024 14:16	WG2253427
cis-1,3-Dichloropropene	U		0.0216	0.0713	1.14	03/25/2024 14:16	WG2253427
trans-1,3-Dichloropropene	U		0.0325	0.143	1.14	03/25/2024 14:16	WG2253427
2,2-Dichloropropane	U		0.0393	0.0713	1.14	03/25/2024 14:16	WG2253427
Dicyclopentadiene	U		0.0470	0.356	1.14	03/25/2024 14:16	WG2253427
Di-isopropyl ether	U		0.0117	0.0285	1.14	03/25/2024 14:16	WG2253427
Ethylbenzene	U		0.0210	0.0713	1.14	03/25/2024 14:16	WG2253427
4-Ethyltoluene	U		0.0661	0.143	1.14	03/25/2024 14:16	WG2253427
Hexachloro-1,3-butadiene	U		0.171	0.713	1.14	03/25/2024 14:16	WG2253427
n-Hexane	U		0.0644	0.143	1.14	03/25/2024 14:16	WG2253427
Isopropylbenzene	U		0.0121	0.0713	1.14	03/25/2024 14:16	WG2253427
p-Isopropyltoluene	U		0.0727	0.143	1.14	03/25/2024 14:16	WG2253427
2-Butanone (MEK)	U	R7	1.81	2.85	1.14	03/25/2024 14:16	WG2253427
Methylene Chloride	U		0.189	0.713	1.14	03/25/2024 14:16	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0650	0.713	1.14	03/25/2024 14:16	WG2253427
Methyl tert-butyl ether	U		0.00998	0.0285	1.14	03/25/2024 14:16	WG2253427
Methyl Cyclohexane	U		0.0587	0.143	1.14	03/25/2024 14:16	WG2253427
Naphthalene	U		0.139	0.356	1.14	03/25/2024 14:16	WG2253427
Propene	U	R7	0.174	1.43	1.14	03/25/2024 14:16	WG2253427
n-Propylbenzene	U		0.0271	0.143	1.14	03/25/2024 14:16	WG2253427
Styrene	U		0.00653	0.356	1.14	03/25/2024 14:16	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0270	0.0713	1.14	03/25/2024 14:16	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0198	0.0713	1.14	03/25/2024 14:16	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0215	0.0713	1.14	03/25/2024 14:16	WG2253427
Tetrachloroethene	U		0.0255	0.0713	1.14	03/25/2024 14:16	WG2253427
Toluene	U		0.0371	0.143	1.14	03/25/2024 14:16	WG2253427
1,2,3-Trichlorobenzene	U		0.209	0.356	1.14	03/25/2024 14:16	WG2253427
1,2,4-Trichlorobenzene	U		0.125	0.356	1.14	03/25/2024 14:16	WG2253427
1,1,1-Trichloroethane	U		0.0263	0.0713	1.14	03/25/2024 14:16	WG2253427
1,1,2-Trichloroethane	U		0.0170	0.0713	1.14	03/25/2024 14:16	WG2253427
Trichloroethene	U		0.0166	0.0285	1.14	03/25/2024 14:16	WG2253427
Trichlorofluoromethane	U		0.0236	0.0713	1.14	03/25/2024 14:16	WG2253427
1,2,3-Trichloropropane	U		0.0462	0.356	1.14	03/25/2024 14:16	WG2253427
1,2,4-Trimethylbenzene	U		0.0450	0.143	1.14	03/25/2024 14:16	WG2253427
1,2,3-Trimethylbenzene	U		0.0450	0.143	1.14	03/25/2024 14:16	WG2253427
1,3,5-Trimethylbenzene	U		0.0570	0.143	1.14	03/25/2024 14:16	WG2253427
Vinyl chloride	U		0.0331	0.0713	1.14	03/25/2024 14:16	WG2253427
Xylenes, Total	U		0.0251	0.185	1.14	03/25/2024 14:16	WG2253427
(S) Toluene-d8	*105*			*75.0-131*		*03/25/2024 14:16*	WG2253427
(S) 4-Bromofluorobenzene	*94.9*			*67.0-138*		*03/25/2024 14:16*	WG2253427
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*03/25/2024 14:16*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 14:36	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 14:36	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 14:36	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 14:36	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 14:36	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 14:36	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 14:36	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 14:36	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 14:36	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 14:36	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 14:36	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 14:36	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 14:36	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 14:36	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 14:36	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 14:36	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 14:36	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 14:36	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 14:36	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 14:36	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 14:36	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 14:36	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 14:36	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 14:36	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 14:36	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 14:36	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 14:36	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 14:36	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 14:36	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 14:36	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 14:36	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 14:36	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 14:36	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 14:36	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 14:36	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 14:36	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 14:36	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 14:36	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 14:36	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 14:36	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 14:36	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 14:36	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 14:36	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 14:36	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 14:36	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 14:36	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 14:36	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 14:36	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 14:36	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 14:36	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 14:36	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 14:36	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 14:36	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 14:36	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 14:36	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 14:36	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 14:36	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 14:36	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 14:36	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 14:36	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 14:36	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 14:36	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 14:36	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 14:36	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 14:36	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 14:36	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 14:36	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 14:36	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 14:36	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 14:36	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 14:36	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 14:36	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 14:36	WG2253427
(S) Toluene-d8	*101*			*75.0-131*		*03/25/2024 14:36*	WG2253427
(S) 4-Bromofluorobenzene	*95.1*			*67.0-138*		*03/25/2024 14:36*	WG2253427
(S) 1,2-Dichloroethane-d4	*92.7*			*70.0-130*		*03/25/2024 14:36*	WG2253427

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	03/26/2024 21:03	WG2252870
Acenaphthene	U		0.00209	0.00600	1	03/26/2024 21:03	WG2252870
Acenaphthylene	U		0.00216	0.00600	1	03/26/2024 21:03	WG2252870
Benzo(a)anthracene	U		0.00173	0.00600	1	03/26/2024 21:03	WG2252870
Benzo(a)pyrene	U		0.00179	0.00600	1	03/26/2024 21:03	WG2252870
Benzo(b)fluoranthene	U		0.00153	0.00600	1	03/26/2024 21:03	WG2252870
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	03/26/2024 21:03	WG2252870
Benzo(k)fluoranthene	U		0.00215	0.00600	1	03/26/2024 21:03	WG2252870
Chrysene	U		0.00232	0.00600	1	03/26/2024 21:03	WG2252870
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	03/26/2024 21:03	WG2252870
Fluoranthene	U		0.00227	0.00600	1	03/26/2024 21:03	WG2252870
Fluorene	U		0.00205	0.00600	1	03/26/2024 21:03	WG2252870
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	03/26/2024 21:03	WG2252870
Naphthalene	U		0.00408	0.0200	1	03/26/2024 21:03	WG2252870
Phenanthrene	U		0.00231	0.00600	1	03/26/2024 21:03	WG2252870
Pyrene	U		0.00200	0.00600	1	03/26/2024 21:03	WG2252870
1-Methylnaphthalene	U		0.00449	0.0200	1	03/26/2024 21:03	WG2252870
2-Methylnaphthalene	U		0.00427	0.0200	1	03/26/2024 21:03	WG2252870
2-Chloronaphthalene	U		0.00466	0.0200	1	03/26/2024 21:03	WG2252870
(S) p-Terphenyl-d14	*79.2*			*23.0-120*		*03/26/2024 21:03*	WG2252870
(S) Nitrobenzene-d5	*109*			*14.0-149*		*03/26/2024 21:03*	WG2252870
(S) 2-Fluorobiphenyl	*82.3*			*34.0-125*		*03/26/2024 21:03*	WG2252870

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.20	1.64	1.31	03/25/2024 14:55	WG2253427
Acrylonitrile	U		0.118	0.409	1.31	03/25/2024 14:55	WG2253427
Benzene	U		0.0153	0.0328	1.31	03/25/2024 14:55	WG2253427
Bromobenzene	U		0.0295	0.409	1.31	03/25/2024 14:55	WG2253427
Bromodichloromethane	U		0.0237	0.0819	1.31	03/25/2024 14:55	WG2253427
Bromoform	U		0.0383	0.819	1.31	03/25/2024 14:55	WG2253427
Bromomethane	U		0.0645	0.409	1.31	03/25/2024 14:55	WG2253427
1,3-Butadiene	U	R7	0.168	0.819	1.31	03/25/2024 14:55	WG2253427
n-Butylbenzene	U		0.172	0.409	1.31	03/25/2024 14:55	WG2253427
sec-Butylbenzene	U		0.0943	0.409	1.31	03/25/2024 14:55	WG2253427
tert-Butylbenzene	U	L2	0.0639	0.164	1.31	03/25/2024 14:55	WG2253427
Carbon disulfide	U		0.0229	0.409	1.31	03/25/2024 14:55	WG2253427
Carbon tetrachloride	U		0.0294	0.164	1.31	03/25/2024 14:55	WG2253427
Chlorobenzene	U		0.00688	0.0819	1.31	03/25/2024 14:55	WG2253427
Chlorodibromomethane	U		0.0200	0.0819	1.31	03/25/2024 14:55	WG2253427
Chloroethane	U		0.0557	0.164	1.31	03/25/2024 14:55	WG2253427
Chloroform	U		0.0337	0.0819	1.31	03/25/2024 14:55	WG2253427
Chloromethane	U		0.142	0.409	1.31	03/25/2024 14:55	WG2253427
2-Chlorotoluene	U		0.0283	0.0819	1.31	03/25/2024 14:55	WG2253427
4-Chlorotoluene	U		0.0147	0.164	1.31	03/25/2024 14:55	WG2253427
Cyclohexane	U		0.0364	0.0819	1.31	03/25/2024 14:55	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.128	0.819	1.31	03/25/2024 14:55	WG2253427
1,2-Dibromoethane	U		0.0212	0.0819	1.31	03/25/2024 14:55	WG2253427
Dibromomethane	U		0.0246	0.164	1.31	03/25/2024 14:55	WG2253427
1,2-Dichlorobenzene	U		0.0139	0.164	1.31	03/25/2024 14:55	WG2253427
1,3-Dichlorobenzene	U		0.0197	0.164	1.31	03/25/2024 14:55	WG2253427
1,4-Dichlorobenzene	U		0.0229	0.164	1.31	03/25/2024 14:55	WG2253427
Dichlorodifluoromethane	U	R7	0.0527	0.0819	1.31	03/25/2024 14:55	WG2253427
1,1-Dichloroethane	U		0.0161	0.0819	1.31	03/25/2024 14:55	WG2253427
1,2-Dichloroethane	U		0.0213	0.0819	1.31	03/25/2024 14:55	WG2253427
1,1-Dichloroethene	U		0.0198	0.0819	1.31	03/25/2024 14:55	WG2253427
cis-1,2-Dichloroethene	U		0.0240	0.0819	1.31	03/25/2024 14:55	WG2253427
trans-1,2-Dichloroethene	U		0.0341	0.164	1.31	03/25/2024 14:55	WG2253427
1,2-Dichloropropane	U		0.0465	0.164	1.31	03/25/2024 14:55	WG2253427
1,1-Dichloropropene	U		0.0265	0.0819	1.31	03/25/2024 14:55	WG2253427
1,3-Dichloropropane	U		0.0164	0.164	1.31	03/25/2024 14:55	WG2253427
cis-1,3-Dichloropropene	U		0.0248	0.0819	1.31	03/25/2024 14:55	WG2253427
trans-1,3-Dichloropropene	U		0.0373	0.164	1.31	03/25/2024 14:55	WG2253427
2,2-Dichloropropane	U		0.0452	0.0819	1.31	03/25/2024 14:55	WG2253427
Dicyclopentadiene	U		0.0540	0.409	1.31	03/25/2024 14:55	WG2253427
Di-isopropyl ether	U		0.0134	0.0328	1.31	03/25/2024 14:55	WG2253427
Ethylbenzene	U		0.0241	0.0819	1.31	03/25/2024 14:55	WG2253427
4-Ethyltoluene	U		0.0760	0.164	1.31	03/25/2024 14:55	WG2253427
Hexachloro-1,3-butadiene	U		0.197	0.819	1.31	03/25/2024 14:55	WG2253427
n-Hexane	U		0.0740	0.164	1.31	03/25/2024 14:55	WG2253427
Isopropylbenzene	U		0.0139	0.0819	1.31	03/25/2024 14:55	WG2253427
p-Isopropyltoluene	U		0.0835	0.164	1.31	03/25/2024 14:55	WG2253427
2-Butanone (MEK)	U	R7	2.08	3.28	1.31	03/25/2024 14:55	WG2253427
Methylene Chloride	U		0.217	0.819	1.31	03/25/2024 14:55	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0747	0.819	1.31	03/25/2024 14:55	WG2253427
Methyl tert-butyl ether	U		0.0115	0.0328	1.31	03/25/2024 14:55	WG2253427
Methyl Cyclohexane	U		0.0675	0.164	1.31	03/25/2024 14:55	WG2253427
Naphthalene	U		0.160	0.409	1.31	03/25/2024 14:55	WG2253427
Propene	U	R7	0.200	1.64	1.31	03/25/2024 14:55	WG2253427
n-Propylbenzene	U		0.0311	0.164	1.31	03/25/2024 14:55	WG2253427
Styrene	U		0.00750	0.409	1.31	03/25/2024 14:55	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0310	0.0819	1.31	03/25/2024 14:55	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0228	0.0819	1.31	03/25/2024 14:55	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0247	0.0819	1.31	03/25/2024 14:55	WG2253427
Tetrachloroethene	U		0.0293	0.0819	1.31	03/25/2024 14:55	WG2253427
Toluene	U		0.0426	0.164	1.31	03/25/2024 14:55	WG2253427
1,2,3-Trichlorobenzene	U		0.240	0.409	1.31	03/25/2024 14:55	WG2253427
1,2,4-Trichlorobenzene	U		0.144	0.409	1.31	03/25/2024 14:55	WG2253427
1,1,1-Trichloroethane	U		0.0302	0.0819	1.31	03/25/2024 14:55	WG2253427
1,1,2-Trichloroethane	U		0.0196	0.0819	1.31	03/25/2024 14:55	WG2253427
Trichloroethene	U		0.0191	0.0328	1.31	03/25/2024 14:55	WG2253427
Trichlorofluoromethane	U		0.0271	0.0819	1.31	03/25/2024 14:55	WG2253427
1,2,3-Trichloropropane	U		0.0531	0.409	1.31	03/25/2024 14:55	WG2253427
1,2,4-Trimethylbenzene	U		0.0517	0.164	1.31	03/25/2024 14:55	WG2253427
1,2,3-Trimethylbenzene	U		0.0517	0.164	1.31	03/25/2024 14:55	WG2253427
1,3,5-Trimethylbenzene	U		0.0655	0.164	1.31	03/25/2024 14:55	WG2253427
Vinyl chloride	U		0.0380	0.0819	1.31	03/25/2024 14:55	WG2253427
Xylenes, Total	U		0.0288	0.213	1.31	03/25/2024 14:55	WG2253427
(S) Toluene-d8	*106*			*75.0-131*		*03/25/2024 14:55*	WG2253427
(S) 4-Bromofluorobenzene	*94.7*			*67.0-138*		*03/25/2024 14:55*	WG2253427
(S) 1,2-Dichloroethane-d4	*91.5*			*70.0-130*		*03/25/2024 14:55*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.13	1.55	1.24	03/25/2024 15:15	WG2253427
Acrylonitrile	U		0.112	0.388	1.24	03/25/2024 15:15	WG2253427
Benzene	U		0.0145	0.0310	1.24	03/25/2024 15:15	WG2253427
Bromobenzene	U		0.0279	0.388	1.24	03/25/2024 15:15	WG2253427
Bromodichloromethane	U		0.0225	0.0775	1.24	03/25/2024 15:15	WG2253427
Bromoform	U		0.0363	0.775	1.24	03/25/2024 15:15	WG2253427
Bromomethane	U		0.0611	0.388	1.24	03/25/2024 15:15	WG2253427
1,3-Butadiene	U	R7	0.159	0.775	1.24	03/25/2024 15:15	WG2253427
n-Butylbenzene	U		0.163	0.388	1.24	03/25/2024 15:15	WG2253427
sec-Butylbenzene	U		0.0893	0.388	1.24	03/25/2024 15:15	WG2253427
tert-Butylbenzene	U	L2	0.0605	0.155	1.24	03/25/2024 15:15	WG2253427
Carbon disulfide	U		0.0217	0.388	1.24	03/25/2024 15:15	WG2253427
Carbon tetrachloride	U		0.0278	0.155	1.24	03/25/2024 15:15	WG2253427
Chlorobenzene	U		0.00651	0.0775	1.24	03/25/2024 15:15	WG2253427
Chlorodibromomethane	U		0.0190	0.0775	1.24	03/25/2024 15:15	WG2253427
Chloroethane	U		0.0527	0.155	1.24	03/25/2024 15:15	WG2253427
Chloroform	U		0.0319	0.0775	1.24	03/25/2024 15:15	WG2253427
Chloromethane	U		0.135	0.388	1.24	03/25/2024 15:15	WG2253427
2-Chlorotoluene	U		0.0268	0.0775	1.24	03/25/2024 15:15	WG2253427
4-Chlorotoluene	U		0.0139	0.155	1.24	03/25/2024 15:15	WG2253427
Cyclohexane	U		0.0344	0.0775	1.24	03/25/2024 15:15	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.121	0.775	1.24	03/25/2024 15:15	WG2253427
1,2-Dibromoethane	U		0.0201	0.0775	1.24	03/25/2024 15:15	WG2253427
Dibromomethane	U		0.0232	0.155	1.24	03/25/2024 15:15	WG2253427
1,2-Dichlorobenzene	U		0.0132	0.155	1.24	03/25/2024 15:15	WG2253427
1,3-Dichlorobenzene	U		0.0186	0.155	1.24	03/25/2024 15:15	WG2253427
1,4-Dichlorobenzene	U		0.0217	0.155	1.24	03/25/2024 15:15	WG2253427
Dichlorodifluoromethane	U	R7	0.0499	0.0775	1.24	03/25/2024 15:15	WG2253427
1,1-Dichloroethane	U		0.0152	0.0775	1.24	03/25/2024 15:15	WG2253427
1,2-Dichloroethane	U		0.0201	0.0775	1.24	03/25/2024 15:15	WG2253427
1,1-Dichloroethene	U		0.0188	0.0775	1.24	03/25/2024 15:15	WG2253427
cis-1,2-Dichloroethene	U		0.0228	0.0775	1.24	03/25/2024 15:15	WG2253427
trans-1,2-Dichloroethene	U		0.0322	0.155	1.24	03/25/2024 15:15	WG2253427
1,2-Dichloropropane	U		0.0440	0.155	1.24	03/25/2024 15:15	WG2253427
1,1-Dichloropropene	U		0.0251	0.0775	1.24	03/25/2024 15:15	WG2253427
1,3-Dichloropropane	U		0.0155	0.155	1.24	03/25/2024 15:15	WG2253427
cis-1,3-Dichloropropene	U		0.0235	0.0775	1.24	03/25/2024 15:15	WG2253427
trans-1,3-Dichloropropene	U		0.0353	0.155	1.24	03/25/2024 15:15	WG2253427
2,2-Dichloropropane	U		0.0428	0.0775	1.24	03/25/2024 15:15	WG2253427
Dicyclopentadiene	U		0.0512	0.388	1.24	03/25/2024 15:15	WG2253427
Di-isopropyl ether	U		0.0127	0.0310	1.24	03/25/2024 15:15	WG2253427
Ethylbenzene	U		0.0228	0.0775	1.24	03/25/2024 15:15	WG2253427
4-Ethyltoluene	U		0.0719	0.155	1.24	03/25/2024 15:15	WG2253427
Hexachloro-1,3-butadiene	U		0.186	0.775	1.24	03/25/2024 15:15	WG2253427
n-Hexane	U		0.0701	0.155	1.24	03/25/2024 15:15	WG2253427
Isopropylbenzene	U		0.0132	0.0775	1.24	03/25/2024 15:15	WG2253427
p-Isopropyltoluene	U		0.0790	0.155	1.24	03/25/2024 15:15	WG2253427
2-Butanone (MEK)	U	R7	1.97	3.10	1.24	03/25/2024 15:15	WG2253427
Methylene Chloride	U		0.206	0.775	1.24	03/25/2024 15:15	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0707	0.775	1.24	03/25/2024 15:15	WG2253427
Methyl tert-butyl ether	U		0.0109	0.0310	1.24	03/25/2024 15:15	WG2253427
Methyl Cyclohexane	U		0.0639	0.155	1.24	03/25/2024 15:15	WG2253427
Naphthalene	U		0.151	0.388	1.24	03/25/2024 15:15	WG2253427
Propene	U	R7	0.190	1.55	1.24	03/25/2024 15:15	WG2253427
n-Propylbenzene	U		0.0295	0.155	1.24	03/25/2024 15:15	WG2253427
Styrene	U		0.00710	0.388	1.24	03/25/2024 15:15	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0294	0.0775	1.24	03/25/2024 15:15	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0215	0.0775	1.24	03/25/2024 15:15	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0234	0.0775	1.24	03/25/2024 15:15	WG2253427
Tetrachloroethene	U		0.0278	0.0775	1.24	03/25/2024 15:15	WG2253427
Toluene	U		0.0403	0.155	1.24	03/25/2024 15:15	WG2253427
1,2,3-Trichlorobenzene	U		0.227	0.388	1.24	03/25/2024 15:15	WG2253427
1,2,4-Trichlorobenzene	U		0.136	0.388	1.24	03/25/2024 15:15	WG2253427
1,1,1-Trichloroethane	U		0.0286	0.0775	1.24	03/25/2024 15:15	WG2253427
1,1,2-Trichloroethane	U		0.0185	0.0775	1.24	03/25/2024 15:15	WG2253427
Trichloroethene	U		0.0181	0.0310	1.24	03/25/2024 15:15	WG2253427
Trichlorofluoromethane	U		0.0256	0.0775	1.24	03/25/2024 15:15	WG2253427
1,2,3-Trichloropropane	U		0.0502	0.388	1.24	03/25/2024 15:15	WG2253427
1,2,4-Trimethylbenzene	U		0.0490	0.155	1.24	03/25/2024 15:15	WG2253427
1,2,3-Trimethylbenzene	U		0.0490	0.155	1.24	03/25/2024 15:15	WG2253427
1,3,5-Trimethylbenzene	U		0.0620	0.155	1.24	03/25/2024 15:15	WG2253427
Vinyl chloride	U		0.0360	0.0775	1.24	03/25/2024 15:15	WG2253427
Xylenes, Total	U		0.0273	0.202	1.24	03/25/2024 15:15	WG2253427
(S) Toluene-d8	*103*			*75.0-131*		*03/25/2024 15:15*	WG2253427
(S) 4-Bromofluorobenzene	*93.2*			*67.0-138*		*03/25/2024 15:15*	WG2253427
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*03/25/2024 15:15*	WG2253427

Method Blank (MB)

(MB) R4049921-3 03/25/24 12:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4049921-3 03/25/24 12:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049921-1 03/25/24 10:11 • (LCSD) R4049921-2 03/25/24 11:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.594	0.469	95.0	75.0	30.0-160			23.5	31
Acrylonitrile	0.625	0.758	0.695	121	111	45.0-153			8.67	22
Benzene	0.125	0.136	0.132	109	106	70.0-123			2.99	20
Bromobenzene	0.125	0.126	0.122	101	97.6	73.0-121			3.23	20
Bromodichloromethane	0.125	0.131	0.130	105	104	73.0-121			0.766	20
Bromoform	0.125	0.127	0.115	102	92.0	64.0-132			9.92	20
Bromomethane	0.125	0.122	0.124	97.6	99.2	56.0-147			1.63	20
1,3-Butadiene	0.125	0.127	0.172	102	138	32.0-150		R7	30.1	20
n-Butylbenzene	0.125	0.130	0.128	104	102	68.0-135			1.55	20
sec-Butylbenzene	0.125	0.101	0.101	80.8	80.8	74.0-130			0.000	20
tert-Butylbenzene	0.125	0.0975	0.0932	78.0	74.6	75.0-127		L2	4.51	20
Carbon disulfide	0.125	0.124	0.137	99.2	110	56.0-133			9.96	20
Carbon tetrachloride	0.125	0.134	0.141	107	113	66.0-128			5.09	20
Chlorobenzene	0.125	0.128	0.120	102	96.0	76.0-128			6.45	20
Chlorodibromomethane	0.125	0.135	0.127	108	102	74.0-127			6.11	20
Chloroethane	0.125	0.121	0.136	96.8	109	61.0-134			11.7	20
Chloroform	0.125	0.137	0.135	110	108	72.0-123			1.47	20
Chloromethane	0.125	0.136	0.151	109	121	51.0-138			10.5	20
2-Chlorotoluene	0.125	0.132	0.129	106	103	75.0-124			2.30	20
4-Chlorotoluene	0.125	0.139	0.128	111	102	75.0-124			8.24	20
Cyclohexane	0.125	0.117	0.141	93.6	113	70.0-130			18.6	20
1,2-Dibromo-3-Chloropropane	0.125	0.119	0.117	95.2	93.6	59.0-130			1.69	20
1,2-Dibromoethane	0.125	0.128	0.116	102	92.8	74.0-128			9.84	20
Dibromomethane	0.125	0.118	0.131	94.4	105	75.0-122			10.4	20
1,2-Dichlorobenzene	0.125	0.136	0.125	109	100	76.0-124			8.43	20
1,3-Dichlorobenzene	0.125	0.139	0.124	111	99.2	76.0-125			11.4	20
1,4-Dichlorobenzene	0.125	0.131	0.123	105	98.4	77.0-121			6.30	20
Dichlorodifluoromethane	0.125	0.135	0.179	108	143	43.0-156		R7	28.0	20
1,1-Dichloroethane	0.125	0.142	0.153	114	122	70.0-127			7.46	20
1,2-Dichloroethane	0.125	0.119	0.110	95.2	88.0	65.0-131			7.86	20
1,1-Dichloroethene	0.125	0.130	0.135	104	108	65.0-131			3.77	20
cis-1,2-Dichloroethene	0.125	0.133	0.139	106	111	73.0-125			4.41	20
trans-1,2-Dichloroethene	0.125	0.132	0.134	106	107	71.0-125			1.50	20
1,2-Dichloropropane	0.125	0.143	0.131	114	105	74.0-125			8.76	20
1,1-Dichloropropene	0.125	0.132	0.128	106	102	73.0-125			3.08	20
1,3-Dichloropropane	0.125	0.136	0.120	109	96.0	80.0-125			12.5	20
cis-1,3-Dichloropropene	0.125	0.143	0.138	114	110	76.0-127			3.56	20
trans-1,3-Dichloropropene	0.125	0.123	0.114	98.4	91.2	73.0-127			7.59	20
2,2-Dichloropropane	0.125	0.136	0.144	109	115	59.0-135			5.71	20
Dicyclopentadiene	0.125	0.0942	0.0897	75.4	71.8	71.0-132			4.89	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049921-1 03/25/24 10:11 • (LCSD) R4049921-2 03/25/24 11:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.142	0.152	114	122	60.0-136			6.80	20
Ethylbenzene	0.125	0.131	0.119	105	95.2	74.0-126			9.60	20
4-Ethyltoluene	0.125	0.133	0.127	106	102	71.0-129			4.62	20
Hexachloro-1,3-butadiene	0.125	0.118	0.114	94.4	91.2	57.0-150			3.45	20
n-Hexane	0.125	0.131	0.134	105	107	55.0-137			2.26	20
Isopropylbenzene	0.125	0.133	0.125	106	100	72.0-127			6.20	20
p-Isopropyltoluene	0.125	0.114	0.106	91.2	84.8	72.0-133			7.27	20
2-Butanone (MEK)	0.625	0.785	0.590	126	94.4	30.0-160		R7	28.4	24
Methylene Chloride	0.125	0.134	0.137	107	110	68.0-123			2.21	20
4-Methyl-2-pentanone (MIBK)	0.625	0.752	0.675	120	108	56.0-143			10.8	20
Methyl tert-butyl ether	0.125	0.133	0.134	106	107	66.0-132			0.749	20
Methyl Cyclohexane	0.125	0.113	0.130	90.4	104	67.0-129			14.0	20
Naphthalene	0.125	0.119	0.115	95.2	92.0	59.0-130			3.42	20
Propene	0.125	0.108	0.148	86.4	118	30.0-160		R7	31.2	20
n-Propylbenzene	0.125	0.133	0.130	106	104	74.0-126			2.28	20
Styrene	0.125	0.127	0.119	102	95.2	72.0-127			6.50	20
1,1,1,2-Tetrachloroethane	0.125	0.128	0.122	102	97.6	74.0-129			4.80	20
1,1,2,2-Tetrachloroethane	0.125	0.134	0.126	107	101	68.0-128			6.15	20
1,1,2-Trichlorotrifluoroethane	0.125	0.118	0.152	94.4	122	61.0-139		R7	25.2	20
Tetrachloroethene	0.125	0.124	0.112	99.2	89.6	70.0-136			10.2	20
Toluene	0.125	0.127	0.115	102	92.0	75.0-121			9.92	20
1,2,3-Trichlorobenzene	0.125	0.118	0.119	94.4	95.2	59.0-139			0.844	20
1,2,4-Trichlorobenzene	0.125	0.123	0.113	98.4	90.4	62.0-137			8.47	20
1,1,1-Trichloroethane	0.125	0.134	0.144	107	115	69.0-126			7.19	20
1,1,2-Trichloroethane	0.125	0.135	0.122	108	97.6	78.0-123			10.1	20
Trichloroethene	0.125	0.123	0.122	98.4	97.6	76.0-126			0.816	20
Trichlorofluoromethane	0.125	0.127	0.112	102	89.6	61.0-142			12.6	20
1,2,3-Trichloropropane	0.125	0.142	0.134	114	107	67.0-129			5.80	20
1,2,4-Trimethylbenzene	0.125	0.136	0.127	109	102	70.0-126			6.84	20
1,2,3-Trimethylbenzene	0.125	0.145	0.134	116	107	74.0-124			7.89	20
1,3,5-Trimethylbenzene	0.125	0.139	0.129	111	103	73.0-127			7.46	20
Vinyl chloride	0.125	0.132	0.150	106	120	63.0-134			12.8	20
Xylenes, Total	0.375	0.391	0.364	104	97.1	72.0-127			7.15	20
(S) Toluene-d8				*99.7*	*98.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*101*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R4050263-2 03/26/24 14:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*85.4*			*23.0-120*
(S) Nitrobenzene-d5	*112*			*14.0-149*
(S) 2-Fluorobiphenyl	*89.9*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4050263-1 03/26/24 13:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0585	73.1	50.0-126	
Acenaphthene	0.0800	0.0578	72.3	50.0-120	
Acenaphthylene	0.0800	0.0628	78.5	50.0-120	
Benzo(a)anthracene	0.0800	0.0609	76.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0510	63.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0572	71.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0538	67.3	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0569	71.1	49.0-125	
Chrysene	0.0800	0.0630	78.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0572	71.5	47.0-125	
Fluoranthene	0.0800	0.0708	88.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4050263-1 03/26/24 13:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0667	83.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0548	68.5	46.0-125	
Naphthalene	0.0800	0.0699	87.4	50.0-120	
Phenanthrene	0.0800	0.0614	76.8	47.0-120	
Pyrene	0.0800	0.0588	73.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0683	85.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0676	84.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0621	77.6	50.0-120	
(S) p-Terphenyl-d14			*81.9*	*23.0-120*	
(S) Nitrobenzene-d5			*113*	*14.0-149*	
(S) 2-Fluorobiphenyl			*87.4*	*34.0-125*	

L1717116-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1717116-05 03/26/24 19:52 • (MS) R4050263-3 03/26/24 20:09 • (MSD) R4050263-4 03/26/24 20:27

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0756	U	0.0509	0.0403	67.3	51.1	1	10.0-145			23.2	30
Acenaphthene	0.0756	U	0.0442	0.0342	58.5	43.4	1	14.0-127			25.5	27
Acenaphthylene	0.0756	U	0.0479	0.0359	63.4	45.6	1	21.0-124		R5	28.6	25
Benzo(a)anthracene	0.0756	U	0.0569	0.0488	75.3	61.9	1	10.0-139			15.3	30
Benzo(a)pyrene	0.0756	U	0.0534	0.0452	70.6	57.4	1	10.0-141			16.6	31
Benzo(b)fluoranthene	0.0756	U	0.0500	0.0410	66.1	52.0	1	10.0-140			19.8	36
Benzo(g,h,i)perylene	0.0756	U	0.0506	0.0411	66.9	52.2	1	10.0-140			20.7	33
Benzo(k)fluoranthene	0.0756	U	0.0526	0.0461	69.6	58.5	1	10.0-137			13.2	31
Chrysene	0.0756	U	0.0600	0.0533	79.4	67.6	1	10.0-145			11.8	30
Dibenz(a,h)anthracene	0.0756	U	0.0571	0.0505	75.5	64.1	1	10.0-132			12.3	31
Fluoranthene	0.0756	U	0.0580	0.0440	76.7	55.8	1	10.0-153			27.5	33
Fluorene	0.0756	U	0.0529	0.0402	70.0	51.0	1	11.0-130			27.3	29
Indeno(1,2,3-cd)pyrene	0.0756	U	0.0529	0.0431	70.0	54.7	1	10.0-137			20.4	32
Naphthalene	0.0756	U	0.0466	0.0428	61.6	54.3	1	10.0-135			8.50	27
Phenanthrene	0.0756	U	0.0494	0.0371	65.3	47.1	1	10.0-144			28.4	31
Pyrene	0.0756	U	0.0471	0.0370	62.3	47.0	1	10.0-148			24.0	35
1-Methylnaphthalene	0.0756	U	0.0511	0.0416	67.6	52.8	1	10.0-142			20.5	28
2-Methylnaphthalene	0.0756	U	0.0523	0.0436	69.2	55.3	1	10.0-137			18.1	28
2-Chloronaphthalene	0.0756	U	0.0510	0.0417	67.5	52.9	1	29.0-120			20.1	24
(S) p-Terphenyl-d14					*84.4*	*63.1*		*23.0-120*				
(S) Nitrobenzene-d5					*102*	*89.5*		*14.0-149*				
(S) 2-Fluorobiphenyl					*69.4*	*44.2*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS55 • File ID: 0325_02

03/25/24 10:11

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0325_02	473298.10	159834.40	203917.50
Upper Limit		946596	319669	407835
Lower Limit		236649	79917	101959
LCS R4049921-1 WG2253427 1x	0325_02LCSA	473298.10	159834.40	203917.50
LCSD R4049921-2 WG2253427 1x	0325_05A	406072.50	145225.30	180183.40
BLANK R4049921-3 WG2253427 1x	0325_08A	607129	184779.90	191291
L1717297-01 WG2253427 1.84x	0325_12	635890.50	194657.50	201441.70
L1717297-02 WG2253427 1.14x	0325_13	584850.80	186514.30	200224.60
L1717297-03 WG2253427 1x	0325_14	521689.90	171807.50	195709.30
L1717297-04 WG2253427 1.31x	0325_15	605003.10	184502.40	205678.70
L1717297-05 WG2253427 1.24x	0325_16	564493.80	180276.60	200849

Instrument: BNAMS25 • File ID: 0326A_03

03/26/24 11:30

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0326A_03	30086	17849	35856	35729	34583
Upper Limit		60172	35698	71712	71458	69166
Lower Limit		15043	8925	17928	17865	17292
LCS R4050263-1 WG2252870 1x	0326A_06	30164	18211	35886	35377	33132
BLANK R4050263-2 WG2252870 1x	0326A_07	29422	17598	35171	33434	30984
MS R4050263-3 WG2252870 1x	0326A_27	27818	16650	33619	33883	32806
MSD R4050263-4 WG2252870 1x	0326A_28	28809	17136	35075	34186	32927
L1717297-03 WG2252870 1x	0326A_30	28416	16810	33213	32495	30343

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
L2	The associated blank spike recovery was below laboratory acceptance limits.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, Arizona

Phone: **(480) 258-1778**
Fax:

Client Project # **2705326**

Lab Project #

Collected by (print): Makenna Balvasko

Site/Facility ID # CK 2705326

P.O. # CK 2705326 SBS

Collected by (signature): Makenna Balvasko
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B/ 40ml amber / MeOH	PAH 8270SIM / 4oz clear jar / NoPres	Hold PAHs	Remarks	Sample # (lab only)
SB-8-140	G	SS	140	3/19/24	1006	2	X		X		01
SB-8-145	G	SS	145	3/19/24	1104	2	X		X		02
SB-8-150	G	SS	150	3/19/24	1235	2	X	X			03
SB-8-155	G	SS	155	3/19/24	1353	2	X		X		04
SB-8-160	G	SS	160	3/19/24	1449	2	X		X		05

CSS 3/19/24

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1717297

G071

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 6643 4316 0750

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Makenna Balvasko	03/20/24	1431	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/20/2024	1702	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3/20/24	1800	FedEx Ei Dawson 17

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: DPA9 °C Bottles Received: 3.2+0=3.2 10

Date: 3-21-24 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

March 27, 2024

EnCore Consulting, LLC.

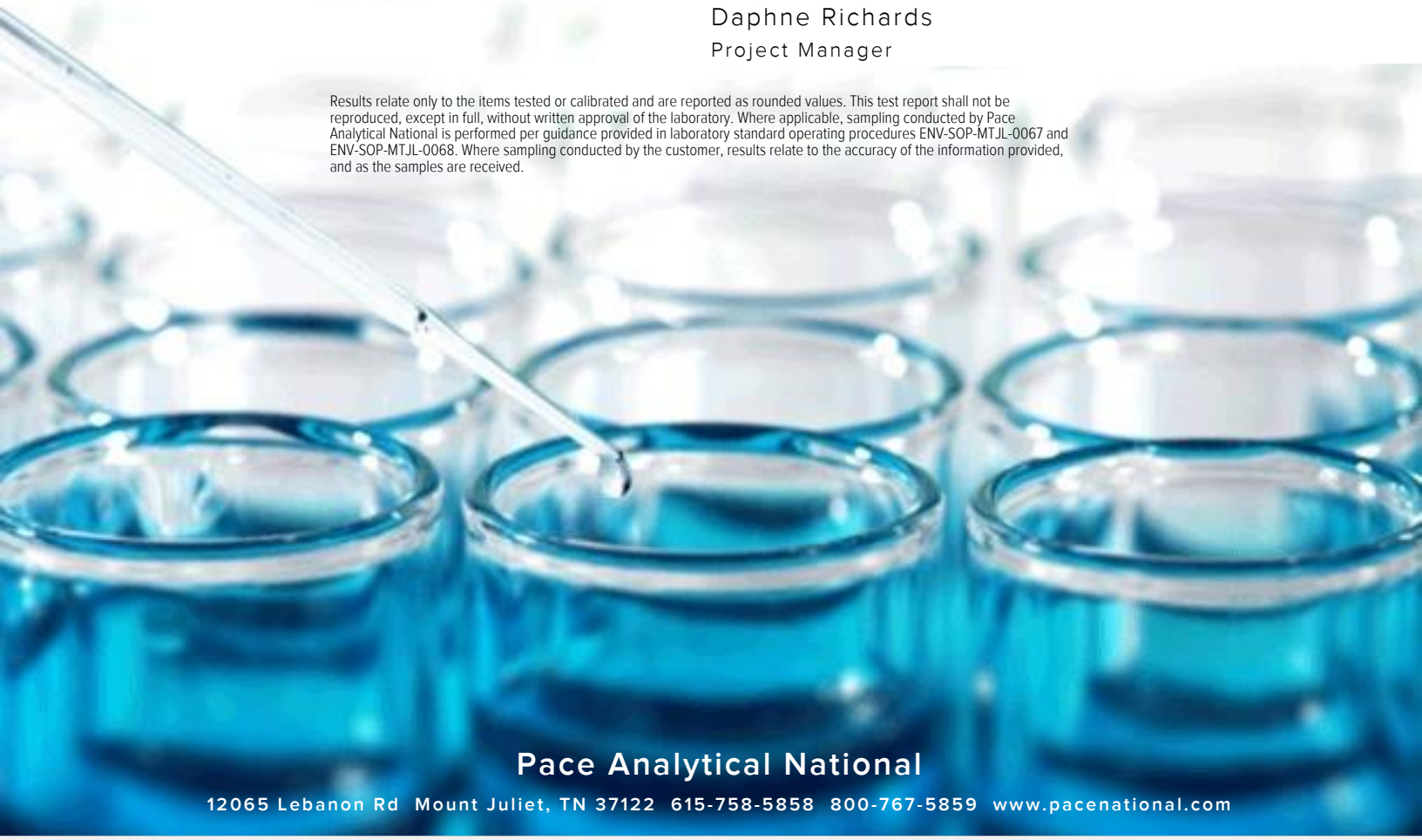
Sample Delivery Group:	L1717299
Samples Received:	03/21/2024
Project Number:	2705326
Description:	Circle K Store 2705326
Site:	2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

SB-8-85 L1717299-01 Solid

Collected by: Parker Schroeder | Collected date/time: 03/14/24 13:02 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/14/24 13:02	03/25/24 15:35	JHH	Mt. Juliet, TN

SB-8-90 L1717299-02 Solid

Collected by: Parker Schroeder | Collected date/time: 03/14/24 13:31 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/14/24 13:31	03/25/24 15:55	JHH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2252870	1	03/26/24 06:18	03/26/24 21:20	NWH	Mt. Juliet, TN

SB-8-95 L1717299-03 Solid

Collected by: Parker Schroeder | Collected date/time: 03/14/24 14:02 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/14/24 14:02	03/25/24 16:15	JHH	Mt. Juliet, TN

SB-8-100 L1717299-04 Solid

Collected by: Parker Schroeder | Collected date/time: 03/14/24 14:35 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/14/24 14:35	03/25/24 16:35	JHH	Mt. Juliet, TN

SB-8-105 L1717299-05 Solid

Collected by: Parker Schroeder | Collected date/time: 03/14/24 15:28 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/14/24 15:28	03/25/24 16:54	JHH	Mt. Juliet, TN

SB-8-110 L1717299-06 Solid

Collected by: Parker Schroeder | Collected date/time: 03/14/24 16:14 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/14/24 16:14	03/25/24 17:14	JHH	Mt. Juliet, TN

SB-8-115 L1717299-07 Solid

Collected by: Parker Schroeder | Collected date/time: 03/15/24 08:14 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/15/24 08:14	03/25/24 17:34	JHH	Mt. Juliet, TN

SB-8-120 L1717299-08 Solid

Collected by: Parker Schroeder | Collected date/time: 03/15/24 09:04 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/15/24 09:04	03/25/24 17:54	JHH	Mt. Juliet, TN

SAMPLE SUMMARY

SB-8-125 L1717299-09 Solid

Collected by: Parker Schroeder
Collected date/time: 03/15/24 10:08
Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/15/24 10:08	03/25/24 18:13	JHH	Mt. Juliet, TN

SB-8-130 L1717299-10 Solid

Collected by: Parker Schroeder
Collected date/time: 03/15/24 11:17
Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2253427	1	03/15/24 11:17	03/25/24 18:33	JHH	Mt. Juliet, TN

SB-8-135 L1717299-11 Solid

Collected by: Parker Schroeder
Collected date/time: 03/15/24 12:40
Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2252723	1	03/15/24 12:40	03/24/24 16:58	DWR	Mt. Juliet, TN

TRIP BLANK L1717299-12 GW

Collected by: Parker Schroeder
Collected date/time: 03/14/24 00:00
Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2254027	1	03/26/24 11:42	03/26/24 11:42	JCP	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1717299-01	SB-8-85	8260B
L1717299-02	SB-8-90	8260B
L1717299-03	SB-8-95	8260B
L1717299-04	SB-8-100	8260B
L1717299-05	SB-8-105	8260B
L1717299-06	SB-8-110	8260B
L1717299-07	SB-8-115	8260B
L1717299-08	SB-8-120	8260B
L1717299-09	SB-8-125	8260B
L1717299-10	SB-8-130	8260B
L1717299-11	SB-8-135	8260B
L1717299-12	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 15:35	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 15:35	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 15:35	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 15:35	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 15:35	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 15:35	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 15:35	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 15:35	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 15:35	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 15:35	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 15:35	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 15:35	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 15:35	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 15:35	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 15:35	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 15:35	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 15:35	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 15:35	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 15:35	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 15:35	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 15:35	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 15:35	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 15:35	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 15:35	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 15:35	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 15:35	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 15:35	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 15:35	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 15:35	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 15:35	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 15:35	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 15:35	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 15:35	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 15:35	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 15:35	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 15:35	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 15:35	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 15:35	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 15:35	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 15:35	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 15:35	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 15:35	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 15:35	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 15:35	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 15:35	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 15:35	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 15:35	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 15:35	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 15:35	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 15:35	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 15:35	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 15:35	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 15:35	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 15:35	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 15:35	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 15:35	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 15:35	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 15:35	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 15:35	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 15:35	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 15:35	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 15:35	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 15:35	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 15:35	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 15:35	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 15:35	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 15:35	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 15:35	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 15:35	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 15:35	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 15:35	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 15:35	WG2253427
Xylenes, Total	0.0350	E4	0.0220	0.163	1	03/25/2024 15:35	WG2253427
(S) Toluene-d8	*107*			*75.0-131*		*03/25/2024 15:35*	WG2253427
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*		*03/25/2024 15:35*	WG2253427
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*03/25/2024 15:35*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 15:55	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 15:55	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 15:55	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 15:55	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 15:55	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 15:55	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 15:55	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 15:55	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 15:55	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 15:55	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 15:55	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 15:55	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 15:55	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 15:55	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 15:55	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 15:55	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 15:55	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 15:55	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 15:55	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 15:55	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 15:55	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 15:55	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 15:55	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 15:55	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 15:55	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 15:55	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 15:55	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 15:55	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 15:55	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 15:55	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 15:55	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 15:55	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 15:55	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 15:55	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 15:55	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 15:55	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 15:55	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 15:55	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 15:55	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 15:55	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 15:55	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 15:55	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 15:55	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 15:55	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 15:55	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 15:55	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 15:55	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 15:55	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 15:55	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 15:55	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 15:55	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 15:55	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 15:55	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 15:55	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 15:55	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 15:55	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 15:55	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 15:55	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 15:55	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 15:55	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 15:55	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 15:55	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 15:55	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 15:55	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 15:55	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 15:55	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 15:55	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 15:55	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 15:55	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 15:55	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 15:55	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 15:55	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 15:55	WG2253427
(S) Toluene-d8	*104*			*75.0-131*		*03/25/2024 15:55*	WG2253427
(S) 4-Bromofluorobenzene	*95.3*			*67.0-138*		*03/25/2024 15:55*	WG2253427
(S) 1,2-Dichloroethane-d4	*87.9*			*70.0-130*		*03/25/2024 15:55*	WG2253427

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	03/26/2024 21:20	WG2252870
Acenaphthene	U		0.00209	0.00600	1	03/26/2024 21:20	WG2252870
Acenaphthylene	U		0.00216	0.00600	1	03/26/2024 21:20	WG2252870
Benzo(a)anthracene	U		0.00173	0.00600	1	03/26/2024 21:20	WG2252870
Benzo(a)pyrene	U		0.00179	0.00600	1	03/26/2024 21:20	WG2252870
Benzo(b)fluoranthene	U		0.00153	0.00600	1	03/26/2024 21:20	WG2252870
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	03/26/2024 21:20	WG2252870
Benzo(k)fluoranthene	U		0.00215	0.00600	1	03/26/2024 21:20	WG2252870
Chrysene	U		0.00232	0.00600	1	03/26/2024 21:20	WG2252870
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	03/26/2024 21:20	WG2252870
Fluoranthene	U		0.00227	0.00600	1	03/26/2024 21:20	WG2252870
Fluorene	U		0.00205	0.00600	1	03/26/2024 21:20	WG2252870
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	03/26/2024 21:20	WG2252870
Naphthalene	U		0.00408	0.0200	1	03/26/2024 21:20	WG2252870
Phenanthrene	U		0.00231	0.00600	1	03/26/2024 21:20	WG2252870
Pyrene	U		0.00200	0.00600	1	03/26/2024 21:20	WG2252870
1-Methylnaphthalene	U		0.00449	0.0200	1	03/26/2024 21:20	WG2252870
2-Methylnaphthalene	U		0.00427	0.0200	1	03/26/2024 21:20	WG2252870
2-Chloronaphthalene	U		0.00466	0.0200	1	03/26/2024 21:20	WG2252870
(S) p-Terphenyl-d14	*75.3*			*23.0-120*		*03/26/2024 21:20*	WG2252870
(S) Nitrobenzene-d5	*101*			*14.0-149*		*03/26/2024 21:20*	WG2252870
(S) 2-Fluorobiphenyl	*79.8*			*34.0-125*		*03/26/2024 21:20*	WG2252870

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 16:15	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 16:15	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 16:15	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 16:15	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 16:15	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 16:15	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 16:15	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 16:15	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 16:15	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 16:15	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 16:15	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 16:15	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 16:15	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 16:15	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 16:15	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 16:15	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 16:15	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 16:15	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 16:15	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 16:15	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 16:15	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 16:15	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 16:15	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 16:15	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 16:15	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 16:15	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 16:15	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 16:15	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 16:15	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 16:15	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 16:15	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 16:15	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 16:15	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 16:15	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 16:15	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 16:15	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 16:15	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 16:15	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 16:15	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 16:15	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 16:15	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 16:15	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 16:15	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 16:15	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 16:15	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 16:15	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 16:15	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 16:15	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 16:15	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 16:15	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 16:15	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 16:15	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 16:15	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 16:15	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 16:15	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 16:15	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 16:15	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 16:15	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 16:15	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 16:15	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 16:15	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 16:15	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 16:15	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 16:15	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 16:15	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 16:15	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 16:15	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 16:15	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 16:15	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 16:15	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 16:15	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 16:15	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 16:15	WG2253427
(S) Toluene-d8	*102*			*75.0-131*		*03/25/2024 16:15*	WG2253427
(S) 4-Bromofluorobenzene	*95.8*			*67.0-138*		*03/25/2024 16:15*	WG2253427
(S) 1,2-Dichloroethane-d4	*94.0*			*70.0-130*		*03/25/2024 16:15*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 16:35	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 16:35	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 16:35	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 16:35	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 16:35	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 16:35	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 16:35	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 16:35	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 16:35	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 16:35	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 16:35	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 16:35	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 16:35	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 16:35	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 16:35	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 16:35	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 16:35	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 16:35	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 16:35	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 16:35	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 16:35	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 16:35	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 16:35	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 16:35	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 16:35	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 16:35	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 16:35	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 16:35	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 16:35	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 16:35	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 16:35	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 16:35	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 16:35	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 16:35	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 16:35	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 16:35	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 16:35	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 16:35	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 16:35	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 16:35	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 16:35	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 16:35	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 16:35	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 16:35	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 16:35	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 16:35	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 16:35	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 16:35	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 16:35	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 16:35	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 16:35	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 16:35	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 16:35	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 16:35	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 16:35	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 16:35	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 16:35	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 16:35	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 16:35	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 16:35	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 16:35	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 16:35	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 16:35	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 16:35	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 16:35	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 16:35	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 16:35	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 16:35	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 16:35	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 16:35	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 16:35	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 16:35	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 16:35	WG2253427
(S) Toluene-d8	*106*			*75.0-131*		*03/25/2024 16:35*	WG2253427
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*03/25/2024 16:35*	WG2253427
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*03/25/2024 16:35*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 16:54	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 16:54	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 16:54	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 16:54	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 16:54	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 16:54	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 16:54	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 16:54	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 16:54	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 16:54	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 16:54	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 16:54	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 16:54	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 16:54	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 16:54	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 16:54	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 16:54	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 16:54	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 16:54	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 16:54	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 16:54	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 16:54	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 16:54	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 16:54	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 16:54	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 16:54	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 16:54	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 16:54	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 16:54	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 16:54	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 16:54	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 16:54	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 16:54	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 16:54	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 16:54	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 16:54	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 16:54	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 16:54	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 16:54	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 16:54	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 16:54	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 16:54	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 16:54	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 16:54	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 16:54	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 16:54	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 16:54	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 16:54	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 16:54	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 16:54	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 16:54	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 16:54	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 16:54	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 16:54	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 16:54	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 16:54	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 16:54	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 16:54	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 16:54	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 16:54	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 16:54	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 16:54	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 16:54	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 16:54	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 16:54	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 16:54	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 16:54	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 16:54	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 16:54	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 16:54	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 16:54	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 16:54	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 16:54	WG2253427
(S) Toluene-d8	*107*			*75.0-131*		*03/25/2024 16:54*	WG2253427
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*03/25/2024 16:54*	WG2253427
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*03/25/2024 16:54*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 17:14	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 17:14	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 17:14	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 17:14	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 17:14	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 17:14	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 17:14	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 17:14	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 17:14	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 17:14	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 17:14	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 17:14	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 17:14	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 17:14	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 17:14	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 17:14	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 17:14	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 17:14	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 17:14	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 17:14	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 17:14	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 17:14	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 17:14	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 17:14	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 17:14	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 17:14	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 17:14	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 17:14	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 17:14	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 17:14	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 17:14	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 17:14	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 17:14	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 17:14	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 17:14	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 17:14	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 17:14	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 17:14	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 17:14	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 17:14	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 17:14	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 17:14	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 17:14	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 17:14	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 17:14	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 17:14	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 17:14	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 17:14	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 17:14	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 17:14	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 17:14	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 17:14	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 17:14	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 17:14	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 17:14	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 17:14	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 17:14	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 17:14	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 17:14	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 17:14	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 17:14	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 17:14	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 17:14	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 17:14	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 17:14	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 17:14	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 17:14	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 17:14	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 17:14	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 17:14	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 17:14	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 17:14	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 17:14	WG2253427
(S) Toluene-d8	*104*			*75.0-131*		*03/25/2024 17:14*	WG2253427
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*03/25/2024 17:14*	WG2253427
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*		*03/25/2024 17:14*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 17:34	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 17:34	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 17:34	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 17:34	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 17:34	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 17:34	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 17:34	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 17:34	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 17:34	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 17:34	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 17:34	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 17:34	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 17:34	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 17:34	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 17:34	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 17:34	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 17:34	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 17:34	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 17:34	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 17:34	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 17:34	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 17:34	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 17:34	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 17:34	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 17:34	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 17:34	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 17:34	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 17:34	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 17:34	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 17:34	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 17:34	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 17:34	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 17:34	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 17:34	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 17:34	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 17:34	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 17:34	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 17:34	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 17:34	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 17:34	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 17:34	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 17:34	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 17:34	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 17:34	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 17:34	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 17:34	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 17:34	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 17:34	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 17:34	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 17:34	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 17:34	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 17:34	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 17:34	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 17:34	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 17:34	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 17:34	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 17:34	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 17:34	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 17:34	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 17:34	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 17:34	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 17:34	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 17:34	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 17:34	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 17:34	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 17:34	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 17:34	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 17:34	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 17:34	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 17:34	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 17:34	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 17:34	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 17:34	WG2253427
(S) Toluene-d8	*105*			*75.0-131*		*03/25/2024 17:34*	WG2253427
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*		*03/25/2024 17:34*	WG2253427
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*03/25/2024 17:34*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 17:54	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 17:54	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 17:54	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 17:54	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 17:54	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 17:54	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 17:54	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 17:54	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 17:54	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 17:54	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 17:54	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 17:54	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 17:54	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 17:54	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 17:54	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 17:54	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 17:54	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 17:54	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 17:54	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 17:54	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 17:54	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 17:54	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 17:54	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 17:54	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 17:54	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 17:54	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 17:54	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 17:54	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 17:54	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 17:54	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 17:54	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 17:54	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 17:54	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 17:54	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 17:54	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 17:54	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 17:54	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 17:54	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 17:54	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 17:54	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 17:54	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 17:54	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 17:54	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 17:54	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 17:54	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 17:54	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 17:54	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 17:54	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 17:54	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 17:54	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 17:54	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 17:54	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 17:54	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 17:54	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 17:54	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 17:54	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 17:54	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 17:54	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 17:54	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 17:54	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 17:54	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 17:54	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 17:54	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 17:54	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 17:54	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 17:54	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 17:54	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 17:54	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 17:54	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 17:54	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 17:54	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 17:54	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 17:54	WG2253427
(S) Toluene-d8	*103*			*75.0-131*		*03/25/2024 17:54*	WG2253427
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*03/25/2024 17:54*	WG2253427
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*03/25/2024 17:54*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 18:13	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 18:13	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 18:13	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 18:13	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 18:13	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 18:13	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 18:13	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 18:13	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 18:13	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 18:13	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 18:13	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 18:13	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 18:13	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 18:13	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 18:13	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 18:13	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 18:13	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 18:13	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 18:13	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 18:13	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 18:13	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 18:13	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 18:13	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 18:13	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 18:13	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 18:13	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 18:13	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 18:13	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 18:13	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 18:13	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 18:13	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 18:13	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 18:13	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 18:13	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 18:13	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 18:13	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 18:13	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 18:13	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 18:13	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 18:13	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 18:13	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 18:13	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 18:13	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 18:13	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 18:13	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 18:13	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 18:13	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 18:13	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 18:13	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 18:13	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 18:13	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 18:13	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 18:13	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 18:13	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 18:13	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 18:13	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 18:13	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 18:13	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 18:13	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 18:13	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 18:13	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 18:13	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 18:13	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 18:13	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 18:13	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 18:13	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 18:13	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 18:13	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 18:13	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 18:13	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 18:13	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 18:13	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 18:13	WG2253427
(S) Toluene-d8	*106*			*75.0-131*		*03/25/2024 18:13*	WG2253427
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*03/25/2024 18:13*	WG2253427
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*03/25/2024 18:13*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/25/2024 18:33	WG2253427
Acrylonitrile	U		0.0903	0.313	1	03/25/2024 18:33	WG2253427
Benzene	U		0.0117	0.0250	1	03/25/2024 18:33	WG2253427
Bromobenzene	U		0.0225	0.313	1	03/25/2024 18:33	WG2253427
Bromodichloromethane	U		0.0181	0.0625	1	03/25/2024 18:33	WG2253427
Bromoform	U		0.0293	0.625	1	03/25/2024 18:33	WG2253427
Bromomethane	U		0.0493	0.313	1	03/25/2024 18:33	WG2253427
1,3-Butadiene	U	R7	0.128	0.625	1	03/25/2024 18:33	WG2253427
n-Butylbenzene	U		0.131	0.313	1	03/25/2024 18:33	WG2253427
sec-Butylbenzene	U		0.0720	0.313	1	03/25/2024 18:33	WG2253427
tert-Butylbenzene	U	L2	0.0488	0.125	1	03/25/2024 18:33	WG2253427
Carbon disulfide	U		0.0175	0.313	1	03/25/2024 18:33	WG2253427
Carbon tetrachloride	U		0.0225	0.125	1	03/25/2024 18:33	WG2253427
Chlorobenzene	U		0.00525	0.0625	1	03/25/2024 18:33	WG2253427
Chlorodibromomethane	U		0.0153	0.0625	1	03/25/2024 18:33	WG2253427
Chloroethane	U		0.0425	0.125	1	03/25/2024 18:33	WG2253427
Chloroform	U		0.0258	0.0625	1	03/25/2024 18:33	WG2253427
Chloromethane	U		0.109	0.313	1	03/25/2024 18:33	WG2253427
2-Chlorotoluene	U		0.0216	0.0625	1	03/25/2024 18:33	WG2253427
4-Chlorotoluene	U		0.0113	0.125	1	03/25/2024 18:33	WG2253427
Cyclohexane	U		0.0278	0.0625	1	03/25/2024 18:33	WG2253427
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/25/2024 18:33	WG2253427
1,2-Dibromoethane	U		0.0162	0.0625	1	03/25/2024 18:33	WG2253427
Dibromomethane	U		0.0188	0.125	1	03/25/2024 18:33	WG2253427
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/25/2024 18:33	WG2253427
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/25/2024 18:33	WG2253427
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/25/2024 18:33	WG2253427
Dichlorodifluoromethane	U	R7	0.0403	0.0625	1	03/25/2024 18:33	WG2253427
1,1-Dichloroethane	U		0.0123	0.0625	1	03/25/2024 18:33	WG2253427
1,2-Dichloroethane	U		0.0162	0.0625	1	03/25/2024 18:33	WG2253427
1,1-Dichloroethene	U		0.0152	0.0625	1	03/25/2024 18:33	WG2253427
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/25/2024 18:33	WG2253427
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/25/2024 18:33	WG2253427
1,2-Dichloropropane	U		0.0355	0.125	1	03/25/2024 18:33	WG2253427
1,1-Dichloropropene	U		0.0202	0.0625	1	03/25/2024 18:33	WG2253427
1,3-Dichloropropane	U		0.0125	0.125	1	03/25/2024 18:33	WG2253427
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/25/2024 18:33	WG2253427
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/25/2024 18:33	WG2253427
2,2-Dichloropropane	U		0.0345	0.0625	1	03/25/2024 18:33	WG2253427
Dicyclopentadiene	U		0.0413	0.313	1	03/25/2024 18:33	WG2253427
Di-isopropyl ether	U		0.0103	0.0250	1	03/25/2024 18:33	WG2253427
Ethylbenzene	U		0.0184	0.0625	1	03/25/2024 18:33	WG2253427
4-Ethyltoluene	U		0.0580	0.125	1	03/25/2024 18:33	WG2253427
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/25/2024 18:33	WG2253427
n-Hexane	U		0.0565	0.125	1	03/25/2024 18:33	WG2253427
Isopropylbenzene	U		0.0106	0.0625	1	03/25/2024 18:33	WG2253427
p-Isopropyltoluene	U		0.0638	0.125	1	03/25/2024 18:33	WG2253427
2-Butanone (MEK)	U	R7	1.59	2.50	1	03/25/2024 18:33	WG2253427
Methylene Chloride	U		0.166	0.625	1	03/25/2024 18:33	WG2253427
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/25/2024 18:33	WG2253427
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/25/2024 18:33	WG2253427
Methyl Cyclohexane	U		0.0515	0.125	1	03/25/2024 18:33	WG2253427
Naphthalene	U		0.122	0.313	1	03/25/2024 18:33	WG2253427
Propene	U	R7	0.153	1.25	1	03/25/2024 18:33	WG2253427
n-Propylbenzene	U		0.0238	0.125	1	03/25/2024 18:33	WG2253427
Styrene	U		0.00573	0.313	1	03/25/2024 18:33	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/25/2024 18:33	WG2253427
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/25/2024 18:33	WG2253427
1,1,2-Trichlorotrifluoroethane	U	R7	0.0189	0.0625	1	03/25/2024 18:33	WG2253427
Tetrachloroethene	U		0.0224	0.0625	1	03/25/2024 18:33	WG2253427
Toluene	U		0.0325	0.125	1	03/25/2024 18:33	WG2253427
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/25/2024 18:33	WG2253427
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/25/2024 18:33	WG2253427
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/25/2024 18:33	WG2253427
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/25/2024 18:33	WG2253427
Trichloroethene	U		0.0146	0.0250	1	03/25/2024 18:33	WG2253427
Trichlorofluoromethane	U		0.0207	0.0625	1	03/25/2024 18:33	WG2253427
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/25/2024 18:33	WG2253427
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 18:33	WG2253427
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/25/2024 18:33	WG2253427
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/25/2024 18:33	WG2253427
Vinyl chloride	U		0.0290	0.0625	1	03/25/2024 18:33	WG2253427
Xylenes, Total	U		0.0220	0.163	1	03/25/2024 18:33	WG2253427
(S) Toluene-d8	*101*			*75.0-131*		*03/25/2024 18:33*	WG2253427
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*		*03/25/2024 18:33*	WG2253427
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*03/25/2024 18:33*	WG2253427

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	03/24/2024 16:58	WG2252723
Acrylonitrile	U		0.0903	0.313	1	03/24/2024 16:58	WG2252723
Benzene	U		0.0117	0.0250	1	03/24/2024 16:58	WG2252723
Bromobenzene	U		0.0225	0.313	1	03/24/2024 16:58	WG2252723
Bromodichloromethane	U		0.0181	0.0625	1	03/24/2024 16:58	WG2252723
Bromoform	U		0.0293	0.625	1	03/24/2024 16:58	WG2252723
Bromomethane	U		0.0493	0.313	1	03/24/2024 16:58	WG2252723
1,3-Butadiene	U		0.128	0.625	1	03/24/2024 16:58	WG2252723
n-Butylbenzene	U		0.131	0.313	1	03/24/2024 16:58	WG2252723
sec-Butylbenzene	U		0.0720	0.313	1	03/24/2024 16:58	WG2252723
tert-Butylbenzene	U		0.0488	0.125	1	03/24/2024 16:58	WG2252723
Carbon disulfide	U		0.0175	0.313	1	03/24/2024 16:58	WG2252723
Carbon tetrachloride	U		0.0225	0.125	1	03/24/2024 16:58	WG2252723
Chlorobenzene	U		0.00525	0.0625	1	03/24/2024 16:58	WG2252723
Chlorodibromomethane	U		0.0153	0.0625	1	03/24/2024 16:58	WG2252723
Chloroethane	U		0.0425	0.125	1	03/24/2024 16:58	WG2252723
Chloroform	U		0.0258	0.0625	1	03/24/2024 16:58	WG2252723
Chloromethane	U		0.109	0.313	1	03/24/2024 16:58	WG2252723
2-Chlorotoluene	U		0.0216	0.0625	1	03/24/2024 16:58	WG2252723
4-Chlorotoluene	U		0.0113	0.125	1	03/24/2024 16:58	WG2252723
Cyclohexane	U		0.0278	0.0625	1	03/24/2024 16:58	WG2252723
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	03/24/2024 16:58	WG2252723
1,2-Dibromoethane	U		0.0162	0.0625	1	03/24/2024 16:58	WG2252723
Dibromomethane	U		0.0188	0.125	1	03/24/2024 16:58	WG2252723
1,2-Dichlorobenzene	U		0.0106	0.125	1	03/24/2024 16:58	WG2252723
1,3-Dichlorobenzene	U		0.0150	0.125	1	03/24/2024 16:58	WG2252723
1,4-Dichlorobenzene	U		0.0175	0.125	1	03/24/2024 16:58	WG2252723
Dichlorodifluoromethane	U		0.0403	0.0625	1	03/24/2024 16:58	WG2252723
1,1-Dichloroethane	U		0.0123	0.0625	1	03/24/2024 16:58	WG2252723
1,2-Dichloroethane	U		0.0162	0.0625	1	03/24/2024 16:58	WG2252723
1,1-Dichloroethene	U		0.0152	0.0625	1	03/24/2024 16:58	WG2252723
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	03/24/2024 16:58	WG2252723
trans-1,2-Dichloroethene	U		0.0260	0.125	1	03/24/2024 16:58	WG2252723
1,2-Dichloropropane	U		0.0355	0.125	1	03/24/2024 16:58	WG2252723
1,1-Dichloropropene	U		0.0202	0.0625	1	03/24/2024 16:58	WG2252723
1,3-Dichloropropane	U		0.0125	0.125	1	03/24/2024 16:58	WG2252723
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	03/24/2024 16:58	WG2252723
trans-1,3-Dichloropropene	U		0.0285	0.125	1	03/24/2024 16:58	WG2252723
2,2-Dichloropropane	U		0.0345	0.0625	1	03/24/2024 16:58	WG2252723
Dicyclopentadiene	U		0.0413	0.313	1	03/24/2024 16:58	WG2252723
Di-isopropyl ether	U		0.0103	0.0250	1	03/24/2024 16:58	WG2252723
Ethylbenzene	U		0.0184	0.0625	1	03/24/2024 16:58	WG2252723
4-Ethyltoluene	U		0.0580	0.125	1	03/24/2024 16:58	WG2252723
Hexachloro-1,3-butadiene	U		0.150	0.625	1	03/24/2024 16:58	WG2252723
n-Hexane	U		0.0565	0.125	1	03/24/2024 16:58	WG2252723
Isopropylbenzene	U		0.0106	0.0625	1	03/24/2024 16:58	WG2252723
p-Isopropyltoluene	U		0.0638	0.125	1	03/24/2024 16:58	WG2252723
2-Butanone (MEK)	U		1.59	2.50	1	03/24/2024 16:58	WG2252723
Methylene Chloride	U		0.166	0.625	1	03/24/2024 16:58	WG2252723
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	03/24/2024 16:58	WG2252723
Methyl tert-butyl ether	U		0.00875	0.0250	1	03/24/2024 16:58	WG2252723
Methyl Cyclohexane	U		0.0515	0.125	1	03/24/2024 16:58	WG2252723
Naphthalene	U		0.122	0.313	1	03/24/2024 16:58	WG2252723
Propene	U		0.153	1.25	1	03/24/2024 16:58	WG2252723
n-Propylbenzene	U		0.0238	0.125	1	03/24/2024 16:58	WG2252723
Styrene	U		0.00573	0.313	1	03/24/2024 16:58	WG2252723

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	03/24/2024 16:58	WG2252723
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	03/24/2024 16:58	WG2252723
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	03/24/2024 16:58	WG2252723
Tetrachloroethene	U		0.0224	0.0625	1	03/24/2024 16:58	WG2252723
Toluene	U		0.0325	0.125	1	03/24/2024 16:58	WG2252723
1,2,3-Trichlorobenzene	U		0.183	0.313	1	03/24/2024 16:58	WG2252723
1,2,4-Trichlorobenzene	U		0.110	0.313	1	03/24/2024 16:58	WG2252723
1,1,1-Trichloroethane	U		0.0231	0.0625	1	03/24/2024 16:58	WG2252723
1,1,2-Trichloroethane	U		0.0149	0.0625	1	03/24/2024 16:58	WG2252723
Trichloroethene	U		0.0146	0.0250	1	03/24/2024 16:58	WG2252723
Trichlorofluoromethane	U		0.0207	0.0625	1	03/24/2024 16:58	WG2252723
1,2,3-Trichloropropane	U		0.0405	0.313	1	03/24/2024 16:58	WG2252723
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	03/24/2024 16:58	WG2252723
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	03/24/2024 16:58	WG2252723
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	03/24/2024 16:58	WG2252723
Vinyl chloride	U		0.0290	0.0625	1	03/24/2024 16:58	WG2252723
Xylenes, Total	U		0.0220	0.163	1	03/24/2024 16:58	WG2252723
(S) Toluene-d8	*106*			*75.0-131*		*03/24/2024 16:58*	WG2252723
(S) 4-Bromofluorobenzene	*95.1*			*67.0-138*		*03/24/2024 16:58*	WG2252723
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*03/24/2024 16:58*	WG2252723

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 11:42	WG2254027
Acrolein	U		2.54	50.0	1	03/26/2024 11:42	WG2254027
Acrylonitrile	U		0.671	10.0	1	03/26/2024 11:42	WG2254027
Benzene	U		0.0941	1.00	1	03/26/2024 11:42	WG2254027
Bromobenzene	U		0.118	1.00	1	03/26/2024 11:42	WG2254027
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 11:42	WG2254027
Bromoform	U		0.129	1.00	1	03/26/2024 11:42	WG2254027
Bromomethane	U		0.605	5.00	1	03/26/2024 11:42	WG2254027
1,3-Butadiene	U		0.299	2.00	1	03/26/2024 11:42	WG2254027
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 11:42	WG2254027
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 11:42	WG2254027
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 11:42	WG2254027
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 11:42	WG2254027
Carbon disulfide	U		0.0962	1.00	1	03/26/2024 11:42	WG2254027
Chlorobenzene	U		0.116	1.00	1	03/26/2024 11:42	WG2254027
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 11:42	WG2254027
Chloroethane	U		0.192	5.00	1	03/26/2024 11:42	WG2254027
Chloroform	U		0.111	5.00	1	03/26/2024 11:42	WG2254027
Chloromethane	U		0.960	2.50	1	03/26/2024 11:42	WG2254027
Cyclohexane	U		0.188	1.00	1	03/26/2024 11:42	WG2254027
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 11:42	WG2254027
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 11:42	WG2254027
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 11:42	WG2254027
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 11:42	WG2254027
Dibromomethane	U		0.122	1.00	1	03/26/2024 11:42	WG2254027
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 11:42	WG2254027
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 11:42	WG2254027
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 11:42	WG2254027
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 11:42	WG2254027
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 11:42	WG2254027
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 11:42	WG2254027
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 11:42	WG2254027
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 11:42	WG2254027
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 11:42	WG2254027
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 11:42	WG2254027
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 11:42	WG2254027
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 11:42	WG2254027
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 11:42	WG2254027
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 11:42	WG2254027
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 11:42	WG2254027
Dicyclopentadiene	U		0.253	1.00	1	03/26/2024 11:42	WG2254027
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 11:42	WG2254027
Ethylbenzene	U		0.137	1.00	1	03/26/2024 11:42	WG2254027
4-Ethyltoluene	U		0.208	1.00	1	03/26/2024 11:42	WG2254027
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 11:42	WG2254027
n-Hexane	U		0.749	10.0	1	03/26/2024 11:42	WG2254027
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 11:42	WG2254027
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 11:42	WG2254027
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 11:42	WG2254027
Methyl Cyclohexane	U		0.660	1.00	1	03/26/2024 11:42	WG2254027
Methylene Chloride	U		0.430	5.00	1	03/26/2024 11:42	WG2254027
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 11:42	WG2254027
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 11:42	WG2254027
Naphthalene	U		1.00	5.00	1	03/26/2024 11:42	WG2254027
Propene	U		0.936	2.50	1	03/26/2024 11:42	WG2254027
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 11:42	WG2254027

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/26/2024 11:42	WG2254027
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 11:42	WG2254027
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 11:42	WG2254027
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 11:42	WG2254027
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 11:42	WG2254027
Toluene	U		0.278	1.00	1	03/26/2024 11:42	WG2254027
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 11:42	WG2254027
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 11:42	WG2254027
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 11:42	WG2254027
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 11:42	WG2254027
Trichloroethene	U		0.190	1.00	1	03/26/2024 11:42	WG2254027
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 11:42	WG2254027
1,2,3-Trichloropropane	U	L1	0.237	2.50	1	03/26/2024 11:42	WG2254027
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 11:42	WG2254027
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 11:42	WG2254027
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 11:42	WG2254027
Vinyl chloride	U		0.234	1.00	1	03/26/2024 11:42	WG2254027
Xylenes, Total	U		0.174	3.00	1	03/26/2024 11:42	WG2254027
(S) Toluene-d8	*102*			*80.0-120*		*03/26/2024 11:42*	WG2254027
(S) 4-Bromofluorobenzene	*81.1*			*77.0-126*		*03/26/2024 11:42*	WG2254027
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*03/26/2024 11:42*	WG2254027

Method Blank (MB)

(MB) R4050103-3 03/24/24 13:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4050103-3 03/24/24 13:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050103-1 03/24/24 12:18 • (LCSD) R4050103-2 03/24/24 12:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.460	0.430	73.6	68.8	30.0-160			6.74	31
Acrylonitrile	0.625	0.663	0.535	106	85.6	45.0-153			21.4	22
Benzene	0.125	0.130	0.129	104	103	70.0-123			0.772	20
Bromobenzene	0.125	0.120	0.120	96.0	96.0	73.0-121			0.000	20
Bromodichloromethane	0.125	0.117	0.121	93.6	96.8	73.0-121			3.36	20
Bromoform	0.125	0.107	0.109	85.6	87.2	64.0-132			1.85	20
Bromomethane	0.125	0.115	0.110	92.0	88.0	56.0-147			4.44	20
1,3-Butadiene	0.125	0.151	0.136	121	109	32.0-150			10.5	20
n-Butylbenzene	0.125	0.122	0.122	97.6	97.6	68.0-135			0.000	20
sec-Butylbenzene	0.125	0.0999	0.0977	79.9	78.2	74.0-130			2.23	20
tert-Butylbenzene	0.125	0.112	0.0965	89.6	77.2	75.0-127			14.9	20
Carbon disulfide	0.125	0.135	0.124	108	99.2	56.0-133			8.49	20
Carbon tetrachloride	0.125	0.127	0.121	102	96.8	66.0-128			4.84	20
Chlorobenzene	0.125	0.126	0.119	101	95.2	76.0-128			5.71	20
Chlorodibromomethane	0.125	0.118	0.118	94.4	94.4	74.0-127			0.000	20
Chloroethane	0.125	0.127	0.116	102	92.8	61.0-134			9.05	20
Chloroform	0.125	0.120	0.120	96.0	96.0	72.0-123			0.000	20
Chloromethane	0.125	0.136	0.130	109	104	51.0-138			4.51	20
2-Chlorotoluene	0.125	0.129	0.120	103	96.0	75.0-124			7.23	20
4-Chlorotoluene	0.125	0.133	0.125	106	100	75.0-124			6.20	20
Cyclohexane	0.125	0.115	0.112	92.0	89.6	70.0-130			2.64	20
1,2-Dibromo-3-Chloropropane	0.125	0.105	0.106	84.0	84.8	59.0-130			0.948	20
1,2-Dibromoethane	0.125	0.119	0.109	95.2	87.2	74.0-128			8.77	20
Dibromomethane	0.125	0.105	0.114	84.0	91.2	75.0-122			8.22	20
1,2-Dichlorobenzene	0.125	0.122	0.126	97.6	101	76.0-124			3.23	20
1,3-Dichlorobenzene	0.125	0.126	0.122	101	97.6	76.0-125			3.23	20
1,4-Dichlorobenzene	0.125	0.124	0.123	99.2	98.4	77.0-121			0.810	20
Dichlorodifluoromethane	0.125	0.161	0.151	129	121	43.0-156			6.41	20
1,1-Dichloroethane	0.125	0.137	0.136	110	109	70.0-127			0.733	20
1,2-Dichloroethane	0.125	0.108	0.121	86.4	96.8	65.0-131			11.4	20
1,1-Dichloroethene	0.125	0.130	0.122	104	97.6	65.0-131			6.35	20
cis-1,2-Dichloroethene	0.125	0.124	0.128	99.2	102	73.0-125			3.17	20
trans-1,2-Dichloroethene	0.125	0.126	0.119	101	95.2	71.0-125			5.71	20
1,2-Dichloropropane	0.125	0.134	0.125	107	100	74.0-125			6.95	20
1,1-Dichloropropene	0.125	0.136	0.134	109	107	73.0-125			1.48	20
1,3-Dichloropropane	0.125	0.124	0.117	99.2	93.6	80.0-125			5.81	20
cis-1,3-Dichloropropene	0.125	0.140	0.135	112	108	76.0-127			3.64	20
trans-1,3-Dichloropropene	0.125	0.117	0.118	93.6	94.4	73.0-127			0.851	20
2,2-Dichloropropane	0.125	0.127	0.126	102	101	59.0-135			0.791	20
Dicyclopentadiene	0.125	0.0919	0.0933	73.5	74.6	71.0-132			1.51	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050103-1 03/24/24 12:18 • (LCSD) R4050103-2 03/24/24 12:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.130	0.128	104	102	60.0-136			1.55	20
Ethylbenzene	0.125	0.121	0.117	96.8	93.6	74.0-126			3.36	20
4-Ethyltoluene	0.125	0.125	0.126	100	101	71.0-129			0.797	20
Hexachloro-1,3-butadiene	0.125	0.115	0.114	92.0	91.2	57.0-150			0.873	20
n-Hexane	0.125	0.121	0.119	96.8	95.2	55.0-137			1.67	20
Isopropylbenzene	0.125	0.121	0.117	96.8	93.6	72.0-127			3.36	20
p-Isopropyltoluene	0.125	0.105	0.106	84.0	84.8	72.0-133			0.948	20
2-Butanone (MEK)	0.625	0.571	0.534	91.4	85.4	30.0-160			6.70	24
Methylene Chloride	0.125	0.124	0.129	99.2	103	68.0-123			3.95	20
4-Methyl-2-pentanone (MIBK)	0.625	0.633	0.617	101	98.7	56.0-143			2.56	20
Methyl tert-butyl ether	0.125	0.116	0.112	92.8	89.6	66.0-132			3.51	20
Methyl Cyclohexane	0.125	0.129	0.121	103	96.8	67.0-129			6.40	20
Naphthalene	0.125	0.107	0.115	85.6	92.0	59.0-130			7.21	20
Propene	0.125	0.129	0.133	103	106	30.0-160			3.05	20
n-Propylbenzene	0.125	0.131	0.128	105	102	74.0-126			2.32	20
Styrene	0.125	0.121	0.111	96.8	88.8	72.0-127			8.62	20
1,1,1,2-Tetrachloroethane	0.125	0.110	0.112	88.0	89.6	74.0-129			1.80	20
1,1,2,2-Tetrachloroethane	0.125	0.119	0.118	95.2	94.4	68.0-128			0.844	20
1,1,2-Trichlorotrifluoroethane	0.125	0.132	0.122	106	97.6	61.0-139			7.87	20
Tetrachloroethene	0.125	0.116	0.117	92.8	93.6	70.0-136			0.858	20
Toluene	0.125	0.119	0.116	95.2	92.8	75.0-121			2.55	20
1,2,3-Trichlorobenzene	0.125	0.108	0.115	86.4	92.0	59.0-139			6.28	20
1,2,4-Trichlorobenzene	0.125	0.108	0.113	86.4	90.4	62.0-137			4.52	20
1,1,1-Trichloroethane	0.125	0.124	0.123	99.2	98.4	69.0-126			0.810	20
1,1,2-Trichloroethane	0.125	0.120	0.118	96.0	94.4	78.0-123			1.68	20
Trichloroethene	0.125	0.124	0.116	99.2	92.8	76.0-126			6.67	20
Trichlorofluoromethane	0.125	0.139	0.124	111	99.2	61.0-142			11.4	20
1,2,3-Trichloropropane	0.125	0.130	0.132	104	106	67.0-129			1.53	20
1,2,4-Trimethylbenzene	0.125	0.129	0.132	103	106	70.0-126			2.30	20
1,2,3-Trimethylbenzene	0.125	0.132	0.133	106	106	74.0-124			0.755	20
1,3,5-Trimethylbenzene	0.125	0.131	0.128	105	102	73.0-127			2.32	20
Vinyl chloride	0.125	0.141	0.133	113	106	63.0-134			5.84	20
Xylenes, Total	0.375	0.372	0.351	99.2	93.6	72.0-127			5.81	20
(S) Toluene-d8				*100*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*99.9*	*99.0*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*101*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R4049921-3 03/25/24 12:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4049921-3 03/25/24 12:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049921-1 03/25/24 10:11 • (LCSD) R4049921-2 03/25/24 11:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.594	0.469	95.0	75.0	30.0-160			23.5	31
Acrylonitrile	0.625	0.758	0.695	121	111	45.0-153			8.67	22
Benzene	0.125	0.136	0.132	109	106	70.0-123			2.99	20
Bromobenzene	0.125	0.126	0.122	101	97.6	73.0-121			3.23	20
Bromodichloromethane	0.125	0.131	0.130	105	104	73.0-121			0.766	20
Bromoform	0.125	0.127	0.115	102	92.0	64.0-132			9.92	20
Bromomethane	0.125	0.122	0.124	97.6	99.2	56.0-147			1.63	20
1,3-Butadiene	0.125	0.127	0.172	102	138	32.0-150		R7	30.1	20
n-Butylbenzene	0.125	0.130	0.128	104	102	68.0-135			1.55	20
sec-Butylbenzene	0.125	0.101	0.101	80.8	80.8	74.0-130			0.000	20
tert-Butylbenzene	0.125	0.0975	0.0932	78.0	74.6	75.0-127		L2	4.51	20
Carbon disulfide	0.125	0.124	0.137	99.2	110	56.0-133			9.96	20
Carbon tetrachloride	0.125	0.134	0.141	107	113	66.0-128			5.09	20
Chlorobenzene	0.125	0.128	0.120	102	96.0	76.0-128			6.45	20
Chlorodibromomethane	0.125	0.135	0.127	108	102	74.0-127			6.11	20
Chloroethane	0.125	0.121	0.136	96.8	109	61.0-134			11.7	20
Chloroform	0.125	0.137	0.135	110	108	72.0-123			1.47	20
Chloromethane	0.125	0.136	0.151	109	121	51.0-138			10.5	20
2-Chlorotoluene	0.125	0.132	0.129	106	103	75.0-124			2.30	20
4-Chlorotoluene	0.125	0.139	0.128	111	102	75.0-124			8.24	20
Cyclohexane	0.125	0.117	0.141	93.6	113	70.0-130			18.6	20
1,2-Dibromo-3-Chloropropane	0.125	0.119	0.117	95.2	93.6	59.0-130			1.69	20
1,2-Dibromoethane	0.125	0.128	0.116	102	92.8	74.0-128			9.84	20
Dibromomethane	0.125	0.118	0.131	94.4	105	75.0-122			10.4	20
1,2-Dichlorobenzene	0.125	0.136	0.125	109	100	76.0-124			8.43	20
1,3-Dichlorobenzene	0.125	0.139	0.124	111	99.2	76.0-125			11.4	20
1,4-Dichlorobenzene	0.125	0.131	0.123	105	98.4	77.0-121			6.30	20
Dichlorodifluoromethane	0.125	0.135	0.179	108	143	43.0-156		R7	28.0	20
1,1-Dichloroethane	0.125	0.142	0.153	114	122	70.0-127			7.46	20
1,2-Dichloroethane	0.125	0.119	0.110	95.2	88.0	65.0-131			7.86	20
1,1-Dichloroethene	0.125	0.130	0.135	104	108	65.0-131			3.77	20
cis-1,2-Dichloroethene	0.125	0.133	0.139	106	111	73.0-125			4.41	20
trans-1,2-Dichloroethene	0.125	0.132	0.134	106	107	71.0-125			1.50	20
1,2-Dichloropropane	0.125	0.143	0.131	114	105	74.0-125			8.76	20
1,1-Dichloropropene	0.125	0.132	0.128	106	102	73.0-125			3.08	20
1,3-Dichloropropane	0.125	0.136	0.120	109	96.0	80.0-125			12.5	20
cis-1,3-Dichloropropene	0.125	0.143	0.138	114	110	76.0-127			3.56	20
trans-1,3-Dichloropropene	0.125	0.123	0.114	98.4	91.2	73.0-127			7.59	20
2,2-Dichloropropane	0.125	0.136	0.144	109	115	59.0-135			5.71	20
Dicyclopentadiene	0.125	0.0942	0.0897	75.4	71.8	71.0-132			4.89	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4049921-1 03/25/24 10:11 • (LCSD) R4049921-2 03/25/24 11:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.142	0.152	114	122	60.0-136			6.80	20
Ethylbenzene	0.125	0.131	0.119	105	95.2	74.0-126			9.60	20
4-Ethyltoluene	0.125	0.133	0.127	106	102	71.0-129			4.62	20
Hexachloro-1,3-butadiene	0.125	0.118	0.114	94.4	91.2	57.0-150			3.45	20
n-Hexane	0.125	0.131	0.134	105	107	55.0-137			2.26	20
Isopropylbenzene	0.125	0.133	0.125	106	100	72.0-127			6.20	20
p-Isopropyltoluene	0.125	0.114	0.106	91.2	84.8	72.0-133			7.27	20
2-Butanone (MEK)	0.625	0.785	0.590	126	94.4	30.0-160		R7	28.4	24
Methylene Chloride	0.125	0.134	0.137	107	110	68.0-123			2.21	20
4-Methyl-2-pentanone (MIBK)	0.625	0.752	0.675	120	108	56.0-143			10.8	20
Methyl tert-butyl ether	0.125	0.133	0.134	106	107	66.0-132			0.749	20
Methyl Cyclohexane	0.125	0.113	0.130	90.4	104	67.0-129			14.0	20
Naphthalene	0.125	0.119	0.115	95.2	92.0	59.0-130			3.42	20
Propene	0.125	0.108	0.148	86.4	118	30.0-160		R7	31.2	20
n-Propylbenzene	0.125	0.133	0.130	106	104	74.0-126			2.28	20
Styrene	0.125	0.127	0.119	102	95.2	72.0-127			6.50	20
1,1,1,2-Tetrachloroethane	0.125	0.128	0.122	102	97.6	74.0-129			4.80	20
1,1,2,2-Tetrachloroethane	0.125	0.134	0.126	107	101	68.0-128			6.15	20
1,1,2-Trichlorotrifluoroethane	0.125	0.118	0.152	94.4	122	61.0-139		R7	25.2	20
Tetrachloroethene	0.125	0.124	0.112	99.2	89.6	70.0-136			10.2	20
Toluene	0.125	0.127	0.115	102	92.0	75.0-121			9.92	20
1,2,3-Trichlorobenzene	0.125	0.118	0.119	94.4	95.2	59.0-139			0.844	20
1,2,4-Trichlorobenzene	0.125	0.123	0.113	98.4	90.4	62.0-137			8.47	20
1,1,1-Trichloroethane	0.125	0.134	0.144	107	115	69.0-126			7.19	20
1,1,2-Trichloroethane	0.125	0.135	0.122	108	97.6	78.0-123			10.1	20
Trichloroethene	0.125	0.123	0.122	98.4	97.6	76.0-126			0.816	20
Trichlorofluoromethane	0.125	0.127	0.112	102	89.6	61.0-142			12.6	20
1,2,3-Trichloropropane	0.125	0.142	0.134	114	107	67.0-129			5.80	20
1,2,4-Trimethylbenzene	0.125	0.136	0.127	109	102	70.0-126			6.84	20
1,2,3-Trimethylbenzene	0.125	0.145	0.134	116	107	74.0-124			7.89	20
1,3,5-Trimethylbenzene	0.125	0.139	0.129	111	103	73.0-127			7.46	20
Vinyl chloride	0.125	0.132	0.150	106	120	63.0-134			12.8	20
Xylenes, Total	0.375	0.391	0.364	104	97.1	72.0-127			7.15	20
(S) Toluene-d8				*99.7*	*98.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*101*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R4050548-3 03/26/24 10:50

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4050548-3 03/26/24 10:50

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*79.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050548-1 03/26/24 09:54 • (LCSD) R4050548-2 03/26/24 10:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	17.1	21.2	68.4	84.8	19.0-160			21.4	27
Acrolein	25.0	24.7	24.6	98.8	98.4	30.0-160			0.406	26
Acrylonitrile	25.0	21.4	20.2	85.6	80.8	55.0-149			5.77	20
Benzene	5.00	5.10	5.17	102	103	70.0-123			1.36	20
Bromobenzene	5.00	4.84	4.75	96.8	95.0	73.0-121			1.88	20
Bromodichloromethane	5.00	5.47	5.46	109	109	75.0-120			0.183	20
Bromoform	5.00	5.63	5.23	113	105	68.0-132			7.37	20
Bromomethane	5.00	4.63	4.33	92.6	86.6	30.0-160			6.70	25
1,3-Butadiene	5.00	5.22	4.76	104	95.2	45.0-147			9.22	20
n-Butylbenzene	5.00	4.86	4.45	97.2	89.0	73.0-125			8.81	20
sec-Butylbenzene	5.00	5.02	5.05	100	101	75.0-125			0.596	20
tert-Butylbenzene	5.00	5.15	4.85	103	97.0	76.0-124			6.00	20
Carbon tetrachloride	5.00	6.00	5.59	120	112	68.0-126			7.08	20
Carbon disulfide	5.00	5.23	4.82	105	96.4	61.0-128			8.16	20
Chlorobenzene	5.00	4.93	4.78	98.6	95.6	80.0-121			3.09	20
Chlorodibromomethane	5.00	5.50	5.06	110	101	77.0-125			8.33	20
Chloroethane	5.00	4.51	4.35	90.2	87.0	47.0-150			3.61	20
Chloroform	5.00	4.79	4.78	95.8	95.6	73.0-120			0.209	20
Chloromethane	5.00	4.44	4.26	88.8	85.2	41.0-142			4.14	20
Cyclohexane	5.00	4.64	4.39	92.8	87.8	71.0-124			5.54	20
2-Chlorotoluene	5.00	5.15	4.91	103	98.2	76.0-123			4.77	20
4-Chlorotoluene	5.00	4.97	4.74	99.4	94.8	75.0-122			4.74	20
1,2-Dibromo-3-Chloropropane	5.00	4.74	4.72	94.8	94.4	58.0-134			0.423	20
1,2-Dibromoethane	5.00	5.43	5.09	109	102	80.0-122			6.46	20
Dibromomethane	5.00	5.66	5.70	113	114	80.0-120			0.704	20
1,2-Dichlorobenzene	5.00	5.50	5.38	110	108	79.0-121			2.21	20
1,3-Dichlorobenzene	5.00	5.40	5.21	108	104	79.0-120			3.58	20
1,4-Dichlorobenzene	5.00	5.21	5.35	104	107	79.0-120			2.65	20
Dichlorodifluoromethane	5.00	6.84	6.35	137	127	51.0-149			7.43	20
1,1-Dichloroethane	5.00	4.86	4.68	97.2	93.6	70.0-126			3.77	20
1,2-Dichloroethane	5.00	5.86	5.88	117	118	70.0-128			0.341	20
1,1-Dichloroethene	5.00	4.26	4.30	85.2	86.0	71.0-124			0.935	20
cis-1,2-Dichloroethene	5.00	4.61	4.42	92.2	88.4	73.0-120			4.21	20
trans-1,2-Dichloroethene	5.00	4.81	4.58	96.2	91.6	73.0-120			4.90	20
1,2-Dichloropropane	5.00	4.80	4.68	96.0	93.6	77.0-125			2.53	20
1,1-Dichloropropene	5.00	5.20	5.13	104	103	74.0-126			1.36	20
1,3-Dichloropropane	5.00	5.51	5.49	110	110	80.0-120			0.364	20
cis-1,3-Dichloropropene	5.00	4.73	4.69	94.6	93.8	80.0-123			0.849	20
trans-1,3-Dichloropropene	5.00	5.19	5.10	104	102	78.0-124			1.75	20
2,2-Dichloropropane	5.00	4.24	3.79	84.8	75.8	58.0-130			11.2	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4050548-1 03/26/24 09:54 • (LCSD) R4050548-2 03/26/24 10:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.19	4.91	104	98.2	74.0-126			5.54	20
Di-isopropyl ether	5.00	3.70	3.77	74.0	75.4	58.0-138			1.87	20
Ethylbenzene	5.00	4.94	4.77	98.8	95.4	79.0-123			3.50	20
4-Ethyltoluene	5.00	4.96	4.79	99.2	95.8	74.0-127			3.49	20
Hexachloro-1,3-butadiene	5.00	5.90	5.28	118	106	54.0-138			11.1	20
n-Hexane	5.00	4.15	3.92	83.0	78.4	57.0-133			5.70	20
Isopropylbenzene	5.00	4.87	4.61	97.4	92.2	76.0-127			5.49	20
p-Isopropyltoluene	5.00	5.17	4.86	103	97.2	76.0-125			6.18	20
2-Butanone (MEK)	25.0	23.2	24.0	92.8	96.0	44.0-160			3.39	20
Methyl Cyclohexane	5.00	4.65	4.57	93.0	91.4	68.0-126			1.74	20
Methylene Chloride	5.00	4.43	4.30	88.6	86.0	67.0-120			2.98	20
4-Methyl-2-pentanone (MIBK)	25.0	26.4	25.8	106	103	68.0-142			2.30	20
Methyl tert-butyl ether	5.00	4.40	4.42	88.0	88.4	68.0-125			0.454	20
Naphthalene	5.00	3.46	3.56	69.2	71.2	54.0-135			2.85	20
Propene	5.00	4.10	3.66	82.0	73.2	30.0-160			11.3	20
n-Propylbenzene	5.00	5.09	5.01	102	100	77.0-124			1.58	20
Styrene	5.00	4.12	3.89	82.4	77.8	73.0-130			5.74	20
1,1,1,2-Tetrachloroethane	5.00	5.49	5.08	110	102	75.0-125			7.76	20
1,1,2,2-Tetrachloroethane	5.00	6.15	6.09	123	122	65.0-130			0.980	20
1,1,2-Trichlorotrifluoroethane	5.00	5.63	5.14	113	103	69.0-132			9.10	20
Tetrachloroethene	5.00	5.91	5.47	118	109	72.0-132			7.73	20
Toluene	5.00	5.23	5.00	105	100	79.0-120			4.50	20
1,2,3-Trichlorobenzene	5.00	4.64	4.41	92.8	88.2	50.0-138			5.08	20
1,2,4-Trichlorobenzene	5.00	4.37	3.86	87.4	77.2	57.0-137			12.4	20
1,1,1-Trichloroethane	5.00	6.10	5.80	122	116	73.0-124			5.04	20
1,1,2-Trichloroethane	5.00	5.63	5.46	113	109	80.0-120			3.07	20
Trichloroethene	5.00	4.73	4.43	94.6	88.6	78.0-124			6.55	20
Trichlorofluoromethane	5.00	6.54	6.15	131	123	59.0-147			6.15	20
1,2,3-Trichloropropane	5.00	6.52	6.61	130	132	73.0-130		L1	1.37	20
1,2,4-Trimethylbenzene	5.00	4.87	4.47	97.4	89.4	76.0-121			8.57	20
1,2,3-Trimethylbenzene	5.00	5.17	4.97	103	99.4	77.0-120			3.94	20
1,3,5-Trimethylbenzene	5.00	5.35	4.87	107	97.4	76.0-122			9.39	20
Vinyl chloride	5.00	4.86	4.78	97.2	95.6	67.0-131			1.66	20
Xylenes, Total	15.0	14.6	13.8	97.3	92.0	79.0-123			5.63	20
(S) Toluene-d8				*99.8*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*86.1*	*85.2*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*121*	*121*	*70.0-130*				

Method Blank (MB)

(MB) R4050263-2 03/26/24 14:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*85.4*			*23.0-120*
(S) Nitrobenzene-d5	*112*			*14.0-149*
(S) 2-Fluorobiphenyl	*89.9*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4050263-1 03/26/24 13:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0585	73.1	50.0-126	
Acenaphthene	0.0800	0.0578	72.3	50.0-120	
Acenaphthylene	0.0800	0.0628	78.5	50.0-120	
Benzo(a)anthracene	0.0800	0.0609	76.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0510	63.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0572	71.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0538	67.3	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0569	71.1	49.0-125	
Chrysene	0.0800	0.0630	78.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0572	71.5	47.0-125	
Fluoranthene	0.0800	0.0708	88.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4050263-1 03/26/24 13:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0667	83.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0548	68.5	46.0-125	
Naphthalene	0.0800	0.0699	87.4	50.0-120	
Phenanthrene	0.0800	0.0614	76.8	47.0-120	
Pyrene	0.0800	0.0588	73.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0683	85.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0676	84.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0621	77.6	50.0-120	
(S) p-Terphenyl-d14			*81.9*	*23.0-120*	
(S) Nitrobenzene-d5			*113*	*14.0-149*	
(S) 2-Fluorobiphenyl			*87.4*	*34.0-125*	

L1717116-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1717116-05 03/26/24 19:52 • (MS) R4050263-3 03/26/24 20:09 • (MSD) R4050263-4 03/26/24 20:27

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0756	U	0.0509	0.0403	67.3	51.1	1	10.0-145			23.2	30
Acenaphthene	0.0756	U	0.0442	0.0342	58.5	43.4	1	14.0-127			25.5	27
Acenaphthylene	0.0756	U	0.0479	0.0359	63.4	45.6	1	21.0-124		R5	28.6	25
Benzo(a)anthracene	0.0756	U	0.0569	0.0488	75.3	61.9	1	10.0-139			15.3	30
Benzo(a)pyrene	0.0756	U	0.0534	0.0452	70.6	57.4	1	10.0-141			16.6	31
Benzo(b)fluoranthene	0.0756	U	0.0500	0.0410	66.1	52.0	1	10.0-140			19.8	36
Benzo(g,h,i)perylene	0.0756	U	0.0506	0.0411	66.9	52.2	1	10.0-140			20.7	33
Benzo(k)fluoranthene	0.0756	U	0.0526	0.0461	69.6	58.5	1	10.0-137			13.2	31
Chrysene	0.0756	U	0.0600	0.0533	79.4	67.6	1	10.0-145			11.8	30
Dibenz(a,h)anthracene	0.0756	U	0.0571	0.0505	75.5	64.1	1	10.0-132			12.3	31
Fluoranthene	0.0756	U	0.0580	0.0440	76.7	55.8	1	10.0-153			27.5	33
Fluorene	0.0756	U	0.0529	0.0402	70.0	51.0	1	11.0-130			27.3	29
Indeno(1,2,3-cd)pyrene	0.0756	U	0.0529	0.0431	70.0	54.7	1	10.0-137			20.4	32
Naphthalene	0.0756	U	0.0466	0.0428	61.6	54.3	1	10.0-135			8.50	27
Phenanthrene	0.0756	U	0.0494	0.0371	65.3	47.1	1	10.0-144			28.4	31
Pyrene	0.0756	U	0.0471	0.0370	62.3	47.0	1	10.0-148			24.0	35
1-Methylnaphthalene	0.0756	U	0.0511	0.0416	67.6	52.8	1	10.0-142			20.5	28
2-Methylnaphthalene	0.0756	U	0.0523	0.0436	69.2	55.3	1	10.0-137			18.1	28
2-Chloronaphthalene	0.0756	U	0.0510	0.0417	67.5	52.9	1	29.0-120			20.1	24
(S) p-Terphenyl-d14					*84.4*	*63.1*		*23.0-120*				
(S) Nitrobenzene-d5					*102*	*89.5*		*14.0-149*				
(S) 2-Fluorobiphenyl					*69.4*	*44.2*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS55 • File ID: 0324_29

03/24/24 12:18

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0324_29	526349.20	182167.20	219428.30
Upper Limit		1052698	364334	438857
Lower Limit		263175	91084	109714
LCS R4050103-1 WG2252723 1x	0324_29LCS	526349.20	182167.20	219428.30
LCSD R4050103-2 WG2252723 1x	0324_30	521068.80	176118.60	209005.40
BLANK R4050103-3 WG2252723 1x	0324_34	544384	173855.80	195566.80
L1717299-11 WG2252723 1x	0324_40	375363.40	110581.70	118594.10

Instrument: VOCMS55 • File ID: 0325_02

03/25/24 10:11

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0325_02	473298.10	159834.40	203917.50
Upper Limit		946596	319669	407835
Lower Limit		236649	79917	101959
LCS R4049921-1 WG2253427 1x	0325_02LCSA	473298.10	159834.40	203917.50
LCSD R4049921-2 WG2253427 1x	0325_05A	406072.50	145225.30	180183.40
BLANK R4049921-3 WG2253427 1x	0325_08A	607129	184779.90	191291
L1717299-01 WG2253427 1x	0325_17	606805.40	193331.80	215131.60
L1717299-02 WG2253427 1x	0325_18	622920.70	190767.30	211131.10
L1717299-03 WG2253427 1x	0325_19	573301.20	189503.80	218896.10
L1717299-04 WG2253427 1x	0325_20	564000.10	170996.20	195567.70
L1717299-05 WG2253427 1x	0325_21	604926.20	183066.10	204805.40
L1717299-06 WG2253427 1x	0325_22	515001	167740	189958.30
L1717299-07 WG2253427 1x	0325_23	536867.60	165463.20	194583.50
L1717299-08 WG2253427 1x	0325_24	597609.10	186357.30	203356.30
L1717299-09 WG2253427 1x	0325_25	570912.80	173705.10	204385.70
L1717299-10 WG2253427 1x	0325_26	571272.50	183433.90	212496.30

INTERNAL STANDARD SUMMARY

Instrument: VOCMS32 • File ID: 0326_27

03/26/24 09:54

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0326_27	133103	54706	51605
Upper Limit		266206	109412	103210
Lower Limit		66552	27353	25803
LCS R4050548-1 WG2254027 1x	0326_27LCS	133103	54706	51605
LCSD R4050548-2 WG2254027 1x	0326_28	134716	56409	51763
BLANK R4050548-3 WG2254027 1x	0326_30	124859	48004	39498
L1717299-12 WG2254027 1x	0326_32	122381	48427	39894

Instrument: BNAMS25 • File ID: 0326A_03

03/26/24 11:30

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0326A_03	30086	17849	35856	35729	34583
Upper Limit		60172	35698	71712	71458	69166
Lower Limit		15043	8925	17928	17865	17292
LCS R4050263-1 WG2252870 1x	0326A_06	30164	18211	35886	35377	33132
BLANK R4050263-2 WG2252870 1x	0326A_07	29422	17598	35171	33434	30984
MS R4050263-3 WG2252870 1x	0326A_27	27818	16650	33619	33883	32806
MSD R4050263-4 WG2252870 1x	0326A_28	28809	17136	35075	34186	32927
L1717299-02 WG2252870 1x	0326A_31	29539	17473	35208	34229	31269

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **2705326**

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # 2705326

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B/ 40ml amber / MeOH	PAH 8270SIM / 4oz clear jar / NoPres	Hold PAH								Remarks	Sample # (lab only)
SB-8-85	G	SS	85	3/14/24	1302	2	X		X									-01
SB-8-90	G	SS	90	3/14/24	1331	2	X	X										-02
SB-8-95	G	SS	95	3/14/24	1402	2	X		X									-03
SB-8-100	G	SS	100	3/14/24	1435	2	X		X									-04
SB-8-105	G	SS	105	3/14/24	1528	2	X		X									-05
SB-8-110	G	SS	110	3/14/24	1614	2	X		X									-06
SB-8-115	G	SS	115	3/15/24	0814	2	X		X									-07
SB-8-120	G	SS	120	3/15/24	0904	2	X		X									-08
SB-8-125	G	SS	125	3/15/24	1008	2	X		X									-09
SB-8-130	G	SS	130	3/15/24	1117	2	X		X									-10

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L1711109
G070

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 6643 4316 0750

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/20/24	1441	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/20/2024	1702	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3/20/24	1800	FedEx Ei Dawn

Trip Blank Received: Yes / No (HCl / MeOH) TBR: 1

Temp: DTA70 °C 3.2+0=3.2 Bottles Received: 22

Date: 3-21-24 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: circle K store 2705326

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **2705326**

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # 2705326

P.O. # 2705326

Collected by (signature): Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B/ 40ml amber / MeOH	PAH 8270SIM / 4oz clear jar / NoPres	Hold PAH	Remarks	Sample # (lab only)
SB-8-135	G	SS	135	3/15/24	1240	2	X		X		-11
Trip Blank	—	OT	—	—	—	1	X				-12

PNS

3/20/24

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 6643 4316 0750

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/20/24	1441	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/20/2024	1702	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	3/20/24	1800	Fed Ex Ei Davis

Trip Blank Received: Yes / No
HCl / MeOH
TBR
1

Temp: DPA9C 3.2 +0 = 3.2

Bottles Received: 22

Date: 3-21-24 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: __Y __N

Chain of Custody Page 2 of 2

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1717299

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

ANALYTICAL REPORT

April 09, 2024

EnCore Consulting, LLC.

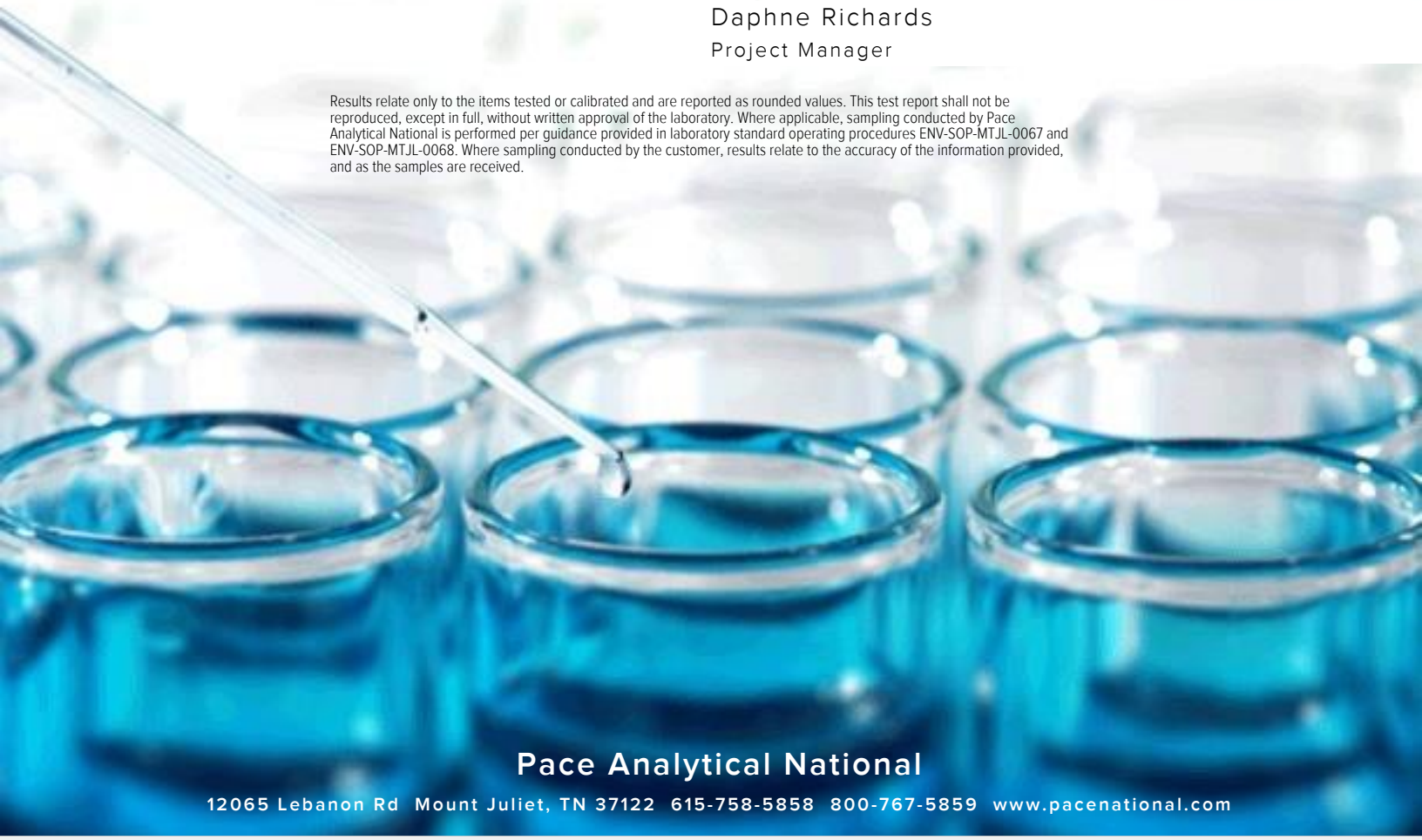
Sample Delivery Group:	L1720001
Samples Received:	03/29/2024
Project Number:	CK2705326
Description:	Circle K Store 2705326
Site:	CIRCLE K STORE 2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-9-5 L1720001-01 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 10:55 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 10:55	04/03/24 00:10	JAH	Mt. Juliet, TN

SB-9-10 L1720001-02 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 11:01 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 11:01	04/03/24 00:29	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2259402	1	04/03/24 15:04	04/04/24 04:51	MKM	Mt. Juliet, TN

SB-9-15 L1720001-03 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 11:08 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 11:08	04/03/24 00:48	JAH	Mt. Juliet, TN

SB-9-20 L1720001-04 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 11:18 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 11:18	04/03/24 01:07	JAH	Mt. Juliet, TN

SB-9-25 L1720001-05 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 11:25 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 11:25	04/03/24 01:25	JAH	Mt. Juliet, TN

SB-9-30 L1720001-06 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 11:36 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 11:36	04/03/24 01:45	JAH	Mt. Juliet, TN

SB-9-35 L1720001-07 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 15:05 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1.11	03/25/24 15:05	04/03/24 02:04	JAH	Mt. Juliet, TN

SB-9-40 L1720001-08 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 15:17 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 15:17	04/03/24 02:23	JAH	Mt. Juliet, TN

SB-9-45 L1720001-09 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 15:26 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 15:26	04/03/24 02:42	JAH	Mt. Juliet, TN

SB-9-50 L1720001-10 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 15:36 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 15:36	04/03/24 03:01	JAH	Mt. Juliet, TN

SB-9-55 L1720001-11 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 15:50 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 15:50	04/03/24 03:20	JAH	Mt. Juliet, TN

SB-9-60 L1720001-12 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 15:58 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 15:58	04/03/24 03:39	JAH	Mt. Juliet, TN

SB-9-65 L1720001-13 Solid

Collected by: Tony Baca | Collected date/time: 03/25/24 16:11 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/25/24 16:11	04/03/24 03:59	JAH	Mt. Juliet, TN

SB-9-70 L1720001-14 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 07:44 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/26/24 07:44	04/03/24 04:18	JAH	Mt. Juliet, TN

SB-9-75 L1720001-15 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 07:56 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/26/24 07:56	04/03/24 04:37	JAH	Mt. Juliet, TN

SB-9-80 L1720001-16 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 08:07 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/26/24 08:07	04/03/24 04:56	JAH	Mt. Juliet, TN

SB-9-85 L1720001-17 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 08:21 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/26/24 08:21	04/03/24 05:15	JAH	Mt. Juliet, TN

SB-9-90 L1720001-18 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 08:35 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/26/24 08:35	04/03/24 05:34	JAH	Mt. Juliet, TN

SB-9-95 L1720001-19 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 09:08 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/26/24 09:08	04/03/24 05:53	JAH	Mt. Juliet, TN

SB-9-100 L1720001-20 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 09:27 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259144	1	03/26/24 09:27	04/03/24 06:13	JAH	Mt. Juliet, TN

SB-9-105 L1720001-21 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 09:46 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/26/24 09:46	04/03/24 14:17	JHH	Mt. Juliet, TN

SB-9-110 L1720001-22 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 10:14 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/26/24 10:14	04/03/24 14:36	JHH	Mt. Juliet, TN

SB-9-115 L1720001-23 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 11:07 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/26/24 11:07	04/03/24 14:56	JHH	Mt. Juliet, TN

SB-9-120 L1720001-24 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 11:32 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/26/24 11:32	04/03/24 15:15	JHH	Mt. Juliet, TN

SB-9-125 L1720001-25 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 12:08 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/26/24 12:08	04/03/24 15:34	JHH	Mt. Juliet, TN

SB-9-130 L1720001-26 Solid

Collected by: Tony Baca | Collected date/time: 03/26/24 14:38 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/26/24 14:38	04/03/24 15:53	JHH	Mt. Juliet, TN

SB-9-135 L1720001-27 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 08:40 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 08:40	04/03/24 16:12	JHH	Mt. Juliet, TN

SB-9-140 L1720001-28 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 09:01 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 09:01	04/03/24 16:32	JHH	Mt. Juliet, TN

SB-9-145 L1720001-29 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 09:22 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 09:22	04/03/24 16:51	JHH	Mt. Juliet, TN

SB-9-150 L1720001-30 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 09:44 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 09:44	04/03/24 17:10	JHH	Mt. Juliet, TN

SB-9-155 L1720001-31 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 10:05 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 10:05	04/03/24 17:29	JHH	Mt. Juliet, TN

SB-9-160 L1720001-32 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 10:41 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 10:41	04/03/24 17:48	JHH	Mt. Juliet, TN

SB-9-165 L1720001-33 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 11:58 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 11:58	04/03/24 18:07	JHH	Mt. Juliet, TN

SB-9-170 L1720001-34 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 12:29 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259357	1	03/27/24 12:29	04/03/24 18:26	JHH	Mt. Juliet, TN

SB-9-175 L1720001-35 Solid

Collected by: Tony Baca | Collected date/time: 03/27/24 13:52 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2259402	1	04/03/24 15:04	04/04/24 05:11	MKM	Mt. Juliet, TN

TRIP BLANK L1720001-36 GW

Collected by: Tony Baca | Collected date/time: 03/27/24 00:00 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2259532	1	04/03/24 11:38	04/03/24 11:38	DWR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1720001-01	SB-9-5	8260B
L1720001-02	SB-9-10	8260B
L1720001-03	SB-9-15	8260B
L1720001-04	SB-9-20	8260B
L1720001-05	SB-9-25	8260B
L1720001-06	SB-9-30	8260B
L1720001-07	SB-9-35	8260B
L1720001-08	SB-9-40	8260B
L1720001-09	SB-9-45	8260B
L1720001-10	SB-9-50	8260B
L1720001-11	SB-9-55	8260B
L1720001-12	SB-9-60	8260B
L1720001-13	SB-9-65	8260B
L1720001-14	SB-9-70	8260B
L1720001-15	SB-9-75	8260B
L1720001-16	SB-9-80	8260B
L1720001-17	SB-9-85	8260B
L1720001-18	SB-9-90	8260B
L1720001-19	SB-9-95	8260B
L1720001-20	SB-9-100	8260B
L1720001-21	SB-9-105	8260B
L1720001-22	SB-9-110	8260B
L1720001-23	SB-9-115	8260B
L1720001-24	SB-9-120	8260B
L1720001-25	SB-9-125	8260B
L1720001-26	SB-9-130	8260B
L1720001-27	SB-9-135	8260B
L1720001-28	SB-9-140	8260B
L1720001-29	SB-9-145	8260B
L1720001-30	SB-9-150	8260B
L1720001-31	SB-9-155	8260B
L1720001-32	SB-9-160	8260B
L1720001-33	SB-9-165	8260B
L1720001-34	SB-9-170	8260B
L1720001-36	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 00:10	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 00:10	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 00:10	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 00:10	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 00:10	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 00:10	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 00:10	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 00:10	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 00:10	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 00:10	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 00:10	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 00:10	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 00:10	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 00:10	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 00:10	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 00:10	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 00:10	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 00:10	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 00:10	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 00:10	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 00:10	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 00:10	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 00:10	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 00:10	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 00:10	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 00:10	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 00:10	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 00:10	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 00:10	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 00:10	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 00:10	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 00:10	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 00:10	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 00:10	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 00:10	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 00:10	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 00:10	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 00:10	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 00:10	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 00:10	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 00:10	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 00:10	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 00:10	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 00:10	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 00:10	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 00:10	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 00:10	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 00:10	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 00:10	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 00:10	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 00:10	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 00:10	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 00:10	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 00:10	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 00:10	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 00:10	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 00:10	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 00:10	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 00:10	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 00:10	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 00:10	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 00:10	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 00:10	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 00:10	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 00:10	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 00:10	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 00:10	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 00:10	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 00:10	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 00:10	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 00:10	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 00:10	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 00:10	WG2259144
(S) Toluene-d8	*107*			*75.0-131*		*04/03/2024 00:10*	WG2259144
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*04/03/2024 00:10*	WG2259144
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/03/2024 00:10*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 00:29	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 00:29	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 00:29	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 00:29	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 00:29	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 00:29	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 00:29	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 00:29	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 00:29	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 00:29	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 00:29	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 00:29	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 00:29	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 00:29	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 00:29	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 00:29	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 00:29	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 00:29	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 00:29	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 00:29	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 00:29	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 00:29	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 00:29	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 00:29	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 00:29	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 00:29	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 00:29	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 00:29	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 00:29	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 00:29	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 00:29	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 00:29	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 00:29	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 00:29	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 00:29	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 00:29	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 00:29	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 00:29	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 00:29	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 00:29	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 00:29	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 00:29	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 00:29	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 00:29	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 00:29	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 00:29	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 00:29	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 00:29	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 00:29	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 00:29	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 00:29	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 00:29	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 00:29	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 00:29	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 00:29	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 00:29	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 00:29	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 00:29	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 00:29	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 00:29	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 00:29	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 00:29	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 00:29	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 00:29	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 00:29	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 00:29	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 00:29	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 00:29	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 00:29	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 00:29	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 00:29	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 00:29	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 00:29	WG2259144
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 00:29*	WG2259144
(S) 4-Bromofluorobenzene	*92.3*			*67.0-138*		*04/03/2024 00:29*	WG2259144
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*04/03/2024 00:29*	WG2259144

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	04/04/2024 04:51	WG2259402
Acenaphthene	U		0.00209	0.00600	1	04/04/2024 04:51	WG2259402
Acenaphthylene	U		0.00216	0.00600	1	04/04/2024 04:51	WG2259402
Benzo(a)anthracene	U		0.00173	0.00600	1	04/04/2024 04:51	WG2259402
Benzo(a)pyrene	U		0.00179	0.00600	1	04/04/2024 04:51	WG2259402
Benzo(b)fluoranthene	U		0.00153	0.00600	1	04/04/2024 04:51	WG2259402
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	04/04/2024 04:51	WG2259402
Benzo(k)fluoranthene	U		0.00215	0.00600	1	04/04/2024 04:51	WG2259402
Chrysene	U		0.00232	0.00600	1	04/04/2024 04:51	WG2259402
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	04/04/2024 04:51	WG2259402
Fluoranthene	U		0.00227	0.00600	1	04/04/2024 04:51	WG2259402
Fluorene	U		0.00205	0.00600	1	04/04/2024 04:51	WG2259402
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	04/04/2024 04:51	WG2259402
Naphthalene	U		0.00408	0.0200	1	04/04/2024 04:51	WG2259402
Phenanthrene	U		0.00231	0.00600	1	04/04/2024 04:51	WG2259402
Pyrene	U		0.00200	0.00600	1	04/04/2024 04:51	WG2259402
1-Methylnaphthalene	U		0.00449	0.0200	1	04/04/2024 04:51	WG2259402
2-Methylnaphthalene	U		0.00427	0.0200	1	04/04/2024 04:51	WG2259402
2-Chloronaphthalene	U		0.00466	0.0200	1	04/04/2024 04:51	WG2259402
(S) p-Terphenyl-d14	*59.5*			*23.0-120*		*04/04/2024 04:51*	WG2259402
(S) Nitrobenzene-d5	*79.3*			*14.0-149*		*04/04/2024 04:51*	WG2259402
(S) 2-Fluorobiphenyl	*70.1*			*34.0-125*		*04/04/2024 04:51*	WG2259402

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 00:48	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 00:48	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 00:48	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 00:48	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 00:48	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 00:48	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 00:48	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 00:48	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 00:48	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 00:48	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 00:48	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 00:48	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 00:48	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 00:48	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 00:48	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 00:48	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 00:48	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 00:48	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 00:48	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 00:48	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 00:48	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 00:48	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 00:48	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 00:48	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 00:48	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 00:48	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 00:48	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 00:48	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 00:48	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 00:48	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 00:48	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 00:48	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 00:48	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 00:48	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 00:48	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 00:48	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 00:48	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 00:48	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 00:48	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 00:48	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 00:48	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 00:48	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 00:48	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 00:48	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 00:48	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 00:48	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 00:48	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 00:48	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 00:48	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 00:48	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 00:48	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 00:48	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 00:48	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 00:48	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 00:48	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 00:48	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 00:48	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 00:48	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 00:48	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 00:48	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 00:48	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 00:48	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 00:48	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 00:48	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 00:48	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 00:48	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 00:48	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 00:48	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 00:48	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 00:48	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 00:48	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 00:48	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 00:48	WG2259144
(S) Toluene-d8	*112*			*75.0-131*		*04/03/2024 00:48*	WG2259144
(S) 4-Bromofluorobenzene	*96.1*			*67.0-138*		*04/03/2024 00:48*	WG2259144
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*04/03/2024 00:48*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 01:07	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 01:07	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 01:07	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 01:07	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 01:07	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 01:07	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 01:07	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 01:07	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 01:07	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 01:07	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 01:07	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 01:07	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 01:07	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 01:07	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 01:07	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 01:07	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 01:07	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 01:07	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 01:07	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 01:07	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 01:07	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 01:07	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 01:07	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 01:07	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 01:07	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 01:07	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 01:07	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 01:07	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 01:07	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 01:07	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 01:07	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 01:07	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 01:07	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 01:07	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 01:07	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 01:07	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 01:07	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 01:07	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 01:07	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 01:07	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 01:07	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 01:07	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 01:07	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 01:07	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 01:07	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 01:07	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 01:07	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 01:07	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 01:07	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 01:07	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 01:07	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 01:07	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 01:07	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 01:07	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 01:07	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 01:07	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 01:07	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 01:07	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 01:07	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 01:07	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 01:07	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 01:07	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 01:07	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 01:07	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 01:07	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 01:07	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 01:07	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 01:07	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 01:07	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 01:07	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 01:07	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 01:07	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 01:07	WG2259144
(S) Toluene-d8	*109*			*75.0-131*		*04/03/2024 01:07*	WG2259144
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*04/03/2024 01:07*	WG2259144
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*04/03/2024 01:07*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 01:25	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 01:25	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 01:25	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 01:25	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 01:25	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 01:25	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 01:25	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 01:25	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 01:25	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 01:25	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 01:25	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 01:25	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 01:25	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 01:25	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 01:25	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 01:25	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 01:25	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 01:25	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 01:25	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 01:25	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 01:25	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 01:25	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 01:25	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 01:25	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 01:25	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 01:25	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 01:25	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 01:25	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 01:25	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 01:25	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 01:25	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 01:25	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 01:25	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 01:25	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 01:25	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 01:25	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 01:25	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 01:25	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 01:25	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 01:25	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 01:25	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 01:25	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 01:25	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 01:25	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 01:25	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 01:25	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 01:25	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 01:25	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 01:25	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 01:25	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 01:25	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 01:25	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 01:25	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 01:25	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 01:25	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 01:25	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 01:25	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 01:25	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 01:25	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 01:25	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 01:25	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 01:25	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 01:25	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 01:25	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 01:25	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 01:25	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 01:25	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 01:25	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 01:25	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 01:25	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 01:25	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 01:25	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 01:25	WG2259144
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 01:25*	WG2259144
(S) 4-Bromofluorobenzene	*95.8*			*67.0-138*		*04/03/2024 01:25*	WG2259144
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*04/03/2024 01:25*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 01:45	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 01:45	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 01:45	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 01:45	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 01:45	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 01:45	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 01:45	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 01:45	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 01:45	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 01:45	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 01:45	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 01:45	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 01:45	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 01:45	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 01:45	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 01:45	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 01:45	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 01:45	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 01:45	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 01:45	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 01:45	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 01:45	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 01:45	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 01:45	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 01:45	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 01:45	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 01:45	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 01:45	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 01:45	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 01:45	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 01:45	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 01:45	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 01:45	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 01:45	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 01:45	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 01:45	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 01:45	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 01:45	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 01:45	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 01:45	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 01:45	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 01:45	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 01:45	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 01:45	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 01:45	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 01:45	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 01:45	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 01:45	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 01:45	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 01:45	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 01:45	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 01:45	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 01:45	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 01:45	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 01:45	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 01:45	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 01:45	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 01:45	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 01:45	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 01:45	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 01:45	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 01:45	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 01:45	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 01:45	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 01:45	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 01:45	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 01:45	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 01:45	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 01:45	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 01:45	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 01:45	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 01:45	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 01:45	WG2259144
(S) Toluene-d8	*112*			*75.0-131*		*04/03/2024 01:45*	WG2259144
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*04/03/2024 01:45*	WG2259144
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/03/2024 01:45*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	1.01	1.39	1.11	04/03/2024 02:04	WG2259144
Acrylonitrile	U		0.100	0.347	1.11	04/03/2024 02:04	WG2259144
Benzene	U		0.0130	0.0278	1.11	04/03/2024 02:04	WG2259144
Bromobenzene	U		0.0250	0.347	1.11	04/03/2024 02:04	WG2259144
Bromodichloromethane	U		0.0201	0.0694	1.11	04/03/2024 02:04	WG2259144
Bromoform	U		0.0325	0.694	1.11	04/03/2024 02:04	WG2259144
Bromomethane	U		0.0547	0.347	1.11	04/03/2024 02:04	WG2259144
1,3-Butadiene	U		0.142	0.694	1.11	04/03/2024 02:04	WG2259144
n-Butylbenzene	U		0.146	0.347	1.11	04/03/2024 02:04	WG2259144
sec-Butylbenzene	U		0.0799	0.347	1.11	04/03/2024 02:04	WG2259144
tert-Butylbenzene	U		0.0541	0.139	1.11	04/03/2024 02:04	WG2259144
Carbon disulfide	U		0.0194	0.347	1.11	04/03/2024 02:04	WG2259144
Carbon tetrachloride	U		0.0249	0.139	1.11	04/03/2024 02:04	WG2259144
Chlorobenzene	U		0.00583	0.0694	1.11	04/03/2024 02:04	WG2259144
Chlorodibromomethane	U		0.0170	0.0694	1.11	04/03/2024 02:04	WG2259144
Chloroethane	U	L1	0.0472	0.139	1.11	04/03/2024 02:04	WG2259144
Chloroform	U		0.0286	0.0694	1.11	04/03/2024 02:04	WG2259144
Chloromethane	U		0.121	0.347	1.11	04/03/2024 02:04	WG2259144
2-Chlorotoluene	U		0.0240	0.0694	1.11	04/03/2024 02:04	WG2259144
4-Chlorotoluene	U		0.0125	0.139	1.11	04/03/2024 02:04	WG2259144
Cyclohexane	U		0.0308	0.0694	1.11	04/03/2024 02:04	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.108	0.694	1.11	04/03/2024 02:04	WG2259144
1,2-Dibromoethane	U		0.0180	0.0694	1.11	04/03/2024 02:04	WG2259144
Dibromomethane	U		0.0208	0.139	1.11	04/03/2024 02:04	WG2259144
1,2-Dichlorobenzene	U		0.0118	0.139	1.11	04/03/2024 02:04	WG2259144
1,3-Dichlorobenzene	U		0.0167	0.139	1.11	04/03/2024 02:04	WG2259144
1,4-Dichlorobenzene	U		0.0194	0.139	1.11	04/03/2024 02:04	WG2259144
Dichlorodifluoromethane	U		0.0447	0.0694	1.11	04/03/2024 02:04	WG2259144
1,1-Dichloroethane	U		0.0136	0.0694	1.11	04/03/2024 02:04	WG2259144
1,2-Dichloroethane	U		0.0180	0.0694	1.11	04/03/2024 02:04	WG2259144
1,1-Dichloroethene	U		0.0168	0.0694	1.11	04/03/2024 02:04	WG2259144
cis-1,2-Dichloroethene	U		0.0204	0.0694	1.11	04/03/2024 02:04	WG2259144
trans-1,2-Dichloroethene	U		0.0289	0.139	1.11	04/03/2024 02:04	WG2259144
1,2-Dichloropropane	U		0.0394	0.139	1.11	04/03/2024 02:04	WG2259144
1,1-Dichloropropene	U		0.0224	0.0694	1.11	04/03/2024 02:04	WG2259144
1,3-Dichloropropane	U		0.0139	0.139	1.11	04/03/2024 02:04	WG2259144
cis-1,3-Dichloropropene	U		0.0210	0.0694	1.11	04/03/2024 02:04	WG2259144
trans-1,3-Dichloropropene	U		0.0316	0.139	1.11	04/03/2024 02:04	WG2259144
2,2-Dichloropropane	U		0.0383	0.0694	1.11	04/03/2024 02:04	WG2259144
Dicyclopentadiene	U		0.0458	0.347	1.11	04/03/2024 02:04	WG2259144
Di-isopropyl ether	U		0.0114	0.0278	1.11	04/03/2024 02:04	WG2259144
Ethylbenzene	U		0.0205	0.0694	1.11	04/03/2024 02:04	WG2259144
4-Ethyltoluene	U		0.0644	0.139	1.11	04/03/2024 02:04	WG2259144
Hexachloro-1,3-butadiene	U		0.167	0.694	1.11	04/03/2024 02:04	WG2259144
n-Hexane	U		0.0627	0.139	1.11	04/03/2024 02:04	WG2259144
Isopropylbenzene	U		0.0118	0.0694	1.11	04/03/2024 02:04	WG2259144
p-Isopropyltoluene	U		0.0708	0.139	1.11	04/03/2024 02:04	WG2259144
2-Butanone (MEK)	U		1.76	2.78	1.11	04/03/2024 02:04	WG2259144
Methylene Chloride	U		0.184	0.694	1.11	04/03/2024 02:04	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0633	0.694	1.11	04/03/2024 02:04	WG2259144
Methyl tert-butyl ether	U		0.00971	0.0278	1.11	04/03/2024 02:04	WG2259144
Methyl Cyclohexane	U		0.0572	0.139	1.11	04/03/2024 02:04	WG2259144
Naphthalene	U	L2	0.135	0.347	1.11	04/03/2024 02:04	WG2259144
Propene	U		0.170	1.39	1.11	04/03/2024 02:04	WG2259144
n-Propylbenzene	U		0.0264	0.139	1.11	04/03/2024 02:04	WG2259144
Styrene	U		0.00635	0.347	1.11	04/03/2024 02:04	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0263	0.0694	1.11	04/03/2024 02:04	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0193	0.0694	1.11	04/03/2024 02:04	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0209	0.0694	1.11	04/03/2024 02:04	WG2259144
Tetrachloroethene	U		0.0249	0.0694	1.11	04/03/2024 02:04	WG2259144
Toluene	U		0.0361	0.139	1.11	04/03/2024 02:04	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.203	0.347	1.11	04/03/2024 02:04	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.122	0.347	1.11	04/03/2024 02:04	WG2259144
1,1,1-Trichloroethane	U		0.0256	0.0694	1.11	04/03/2024 02:04	WG2259144
1,1,2-Trichloroethane	U		0.0166	0.0694	1.11	04/03/2024 02:04	WG2259144
Trichloroethene	U		0.0162	0.0278	1.11	04/03/2024 02:04	WG2259144
Trichlorofluoromethane	U	L1	0.0229	0.0694	1.11	04/03/2024 02:04	WG2259144
1,2,3-Trichloropropane	U		0.0450	0.347	1.11	04/03/2024 02:04	WG2259144
1,2,4-Trimethylbenzene	U		0.0438	0.139	1.11	04/03/2024 02:04	WG2259144
1,2,3-Trimethylbenzene	U		0.0438	0.139	1.11	04/03/2024 02:04	WG2259144
1,3,5-Trimethylbenzene	U		0.0555	0.139	1.11	04/03/2024 02:04	WG2259144
Vinyl chloride	U		0.0322	0.0694	1.11	04/03/2024 02:04	WG2259144
Xylenes, Total	U		0.0244	0.180	1.11	04/03/2024 02:04	WG2259144
(S) Toluene-d8	*113*			*75.0-131*		*04/03/2024 02:04*	WG2259144
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*		*04/03/2024 02:04*	WG2259144
(S) 1,2-Dichloroethane-d4	*99.8*			*70.0-130*		*04/03/2024 02:04*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 02:23	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 02:23	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 02:23	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 02:23	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 02:23	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 02:23	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 02:23	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 02:23	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 02:23	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 02:23	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 02:23	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 02:23	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 02:23	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 02:23	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 02:23	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 02:23	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 02:23	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 02:23	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 02:23	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 02:23	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 02:23	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 02:23	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 02:23	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 02:23	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 02:23	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 02:23	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 02:23	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 02:23	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 02:23	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 02:23	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 02:23	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 02:23	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 02:23	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 02:23	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 02:23	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 02:23	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 02:23	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 02:23	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 02:23	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 02:23	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 02:23	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 02:23	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 02:23	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 02:23	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 02:23	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 02:23	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 02:23	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 02:23	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 02:23	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 02:23	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 02:23	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 02:23	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 02:23	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 02:23	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 02:23	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 02:23	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 02:23	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 02:23	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 02:23	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 02:23	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 02:23	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 02:23	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 02:23	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 02:23	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 02:23	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 02:23	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 02:23	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 02:23	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 02:23	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 02:23	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 02:23	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 02:23	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 02:23	WG2259144
(S) Toluene-d8	*112*			*75.0-131*		*04/03/2024 02:23*	WG2259144
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*04/03/2024 02:23*	WG2259144
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*04/03/2024 02:23*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 02:42	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 02:42	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 02:42	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 02:42	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 02:42	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 02:42	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 02:42	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 02:42	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 02:42	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 02:42	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 02:42	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 02:42	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 02:42	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 02:42	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 02:42	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 02:42	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 02:42	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 02:42	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 02:42	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 02:42	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 02:42	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 02:42	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 02:42	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 02:42	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 02:42	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 02:42	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 02:42	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 02:42	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 02:42	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 02:42	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 02:42	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 02:42	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 02:42	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 02:42	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 02:42	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 02:42	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 02:42	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 02:42	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 02:42	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 02:42	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 02:42	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 02:42	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 02:42	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 02:42	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 02:42	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 02:42	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 02:42	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 02:42	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 02:42	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 02:42	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 02:42	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 02:42	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 02:42	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 02:42	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 02:42	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 02:42	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 02:42	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 02:42	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 02:42	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 02:42	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 02:42	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 02:42	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 02:42	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 02:42	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 02:42	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 02:42	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 02:42	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 02:42	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 02:42	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 02:42	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 02:42	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 02:42	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 02:42	WG2259144
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 02:42*	WG2259144
(S) 4-Bromofluorobenzene	*94.6*			*67.0-138*		*04/03/2024 02:42*	WG2259144
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*04/03/2024 02:42*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 03:01	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 03:01	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 03:01	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 03:01	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 03:01	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 03:01	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 03:01	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 03:01	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 03:01	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 03:01	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 03:01	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 03:01	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 03:01	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 03:01	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 03:01	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 03:01	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 03:01	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 03:01	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 03:01	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 03:01	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 03:01	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 03:01	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 03:01	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 03:01	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 03:01	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 03:01	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 03:01	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 03:01	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 03:01	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 03:01	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 03:01	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 03:01	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 03:01	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 03:01	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 03:01	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 03:01	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 03:01	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 03:01	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 03:01	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 03:01	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 03:01	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 03:01	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 03:01	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 03:01	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 03:01	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 03:01	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 03:01	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 03:01	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 03:01	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 03:01	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 03:01	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 03:01	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 03:01	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 03:01	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 03:01	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 03:01	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 03:01	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 03:01	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 03:01	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 03:01	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 03:01	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 03:01	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 03:01	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 03:01	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 03:01	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 03:01	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 03:01	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 03:01	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:01	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:01	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 03:01	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 03:01	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 03:01	WG2259144
(S) Toluene-d8	*109*			*75.0-131*		*04/03/2024 03:01*	WG2259144
(S) 4-Bromofluorobenzene	*95.1*			*67.0-138*		*04/03/2024 03:01*	WG2259144
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*04/03/2024 03:01*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 03:20	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 03:20	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 03:20	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 03:20	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 03:20	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 03:20	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 03:20	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 03:20	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 03:20	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 03:20	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 03:20	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 03:20	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 03:20	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 03:20	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 03:20	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 03:20	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 03:20	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 03:20	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 03:20	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 03:20	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 03:20	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 03:20	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 03:20	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 03:20	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 03:20	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 03:20	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 03:20	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 03:20	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 03:20	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 03:20	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 03:20	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 03:20	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 03:20	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 03:20	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 03:20	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 03:20	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 03:20	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 03:20	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 03:20	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 03:20	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 03:20	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 03:20	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 03:20	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 03:20	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 03:20	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 03:20	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 03:20	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 03:20	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 03:20	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 03:20	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 03:20	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 03:20	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 03:20	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 03:20	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 03:20	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 03:20	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 03:20	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 03:20	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 03:20	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 03:20	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 03:20	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 03:20	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 03:20	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 03:20	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 03:20	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 03:20	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 03:20	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 03:20	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:20	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:20	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 03:20	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 03:20	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 03:20	WG2259144
(S) Toluene-d8	*110*			*75.0-131*		*04/03/2024 03:20*	WG2259144
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*04/03/2024 03:20*	WG2259144
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*04/03/2024 03:20*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 03:39	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 03:39	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 03:39	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 03:39	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 03:39	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 03:39	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 03:39	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 03:39	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 03:39	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 03:39	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 03:39	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 03:39	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 03:39	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 03:39	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 03:39	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 03:39	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 03:39	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 03:39	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 03:39	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 03:39	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 03:39	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 03:39	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 03:39	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 03:39	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 03:39	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 03:39	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 03:39	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 03:39	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 03:39	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 03:39	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 03:39	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 03:39	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 03:39	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 03:39	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 03:39	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 03:39	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 03:39	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 03:39	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 03:39	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 03:39	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 03:39	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 03:39	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 03:39	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 03:39	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 03:39	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 03:39	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 03:39	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 03:39	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 03:39	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 03:39	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 03:39	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 03:39	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 03:39	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 03:39	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 03:39	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 03:39	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 03:39	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 03:39	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 03:39	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 03:39	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 03:39	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 03:39	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 03:39	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 03:39	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 03:39	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 03:39	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 03:39	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 03:39	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:39	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:39	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 03:39	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 03:39	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 03:39	WG2259144
(S) Toluene-d8	*112*			*75.0-131*		*04/03/2024 03:39*	WG2259144
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*		*04/03/2024 03:39*	WG2259144
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/03/2024 03:39*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 03:59	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 03:59	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 03:59	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 03:59	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 03:59	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 03:59	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 03:59	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 03:59	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 03:59	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 03:59	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 03:59	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 03:59	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 03:59	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 03:59	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 03:59	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 03:59	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 03:59	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 03:59	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 03:59	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 03:59	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 03:59	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 03:59	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 03:59	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 03:59	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 03:59	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 03:59	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 03:59	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 03:59	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 03:59	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 03:59	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 03:59	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 03:59	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 03:59	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 03:59	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 03:59	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 03:59	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 03:59	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 03:59	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 03:59	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 03:59	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 03:59	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 03:59	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 03:59	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 03:59	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 03:59	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 03:59	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 03:59	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 03:59	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 03:59	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 03:59	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 03:59	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 03:59	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 03:59	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 03:59	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 03:59	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 03:59	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 03:59	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 03:59	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 03:59	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 03:59	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 03:59	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 03:59	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 03:59	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 03:59	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 03:59	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 03:59	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 03:59	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 03:59	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:59	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 03:59	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 03:59	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 03:59	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 03:59	WG2259144
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 03:59*	WG2259144
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*04/03/2024 03:59*	WG2259144
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/03/2024 03:59*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 04:18	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 04:18	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 04:18	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 04:18	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 04:18	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 04:18	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 04:18	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 04:18	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 04:18	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 04:18	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 04:18	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 04:18	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 04:18	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 04:18	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 04:18	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 04:18	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 04:18	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 04:18	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 04:18	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 04:18	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 04:18	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 04:18	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 04:18	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 04:18	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 04:18	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 04:18	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 04:18	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 04:18	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 04:18	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 04:18	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 04:18	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 04:18	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 04:18	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 04:18	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 04:18	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 04:18	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 04:18	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 04:18	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 04:18	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 04:18	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 04:18	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 04:18	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 04:18	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 04:18	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 04:18	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 04:18	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 04:18	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 04:18	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 04:18	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 04:18	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 04:18	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 04:18	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 04:18	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 04:18	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 04:18	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 04:18	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 04:18	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 04:18	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 04:18	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 04:18	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 04:18	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 04:18	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 04:18	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 04:18	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 04:18	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 04:18	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 04:18	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 04:18	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 04:18	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 04:18	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 04:18	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 04:18	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 04:18	WG2259144
(S) Toluene-d8	*109*			*75.0-131*		*04/03/2024 04:18*	WG2259144
(S) 4-Bromofluorobenzene	*94.7*			*67.0-138*		*04/03/2024 04:18*	WG2259144
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*04/03/2024 04:18*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 04:37	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 04:37	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 04:37	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 04:37	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 04:37	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 04:37	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 04:37	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 04:37	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 04:37	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 04:37	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 04:37	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 04:37	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 04:37	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 04:37	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 04:37	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 04:37	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 04:37	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 04:37	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 04:37	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 04:37	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 04:37	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 04:37	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 04:37	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 04:37	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 04:37	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 04:37	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 04:37	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 04:37	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 04:37	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 04:37	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 04:37	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 04:37	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 04:37	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 04:37	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 04:37	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 04:37	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 04:37	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 04:37	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 04:37	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 04:37	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 04:37	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 04:37	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 04:37	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 04:37	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 04:37	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 04:37	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 04:37	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 04:37	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 04:37	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 04:37	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 04:37	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 04:37	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 04:37	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 04:37	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 04:37	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 04:37	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 04:37	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 04:37	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 04:37	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 04:37	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 04:37	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 04:37	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 04:37	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 04:37	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 04:37	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 04:37	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 04:37	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 04:37	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 04:37	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 04:37	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 04:37	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 04:37	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 04:37	WG2259144
(S) Toluene-d8	*109*			*75.0-131*		*04/03/2024 04:37*	WG2259144
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*		*04/03/2024 04:37*	WG2259144
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/03/2024 04:37*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 04:56	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 04:56	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 04:56	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 04:56	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 04:56	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 04:56	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 04:56	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 04:56	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 04:56	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 04:56	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 04:56	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 04:56	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 04:56	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 04:56	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 04:56	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 04:56	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 04:56	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 04:56	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 04:56	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 04:56	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 04:56	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 04:56	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 04:56	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 04:56	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 04:56	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 04:56	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 04:56	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 04:56	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 04:56	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 04:56	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 04:56	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 04:56	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 04:56	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 04:56	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 04:56	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 04:56	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 04:56	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 04:56	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 04:56	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 04:56	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 04:56	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 04:56	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 04:56	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 04:56	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 04:56	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 04:56	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 04:56	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 04:56	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 04:56	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 04:56	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 04:56	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 04:56	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 04:56	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 04:56	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 04:56	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 04:56	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 04:56	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 04:56	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 04:56	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 04:56	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 04:56	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 04:56	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 04:56	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 04:56	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 04:56	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 04:56	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 04:56	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 04:56	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 04:56	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 04:56	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 04:56	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 04:56	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 04:56	WG2259144
(S) Toluene-d8	*110*			*75.0-131*		*04/03/2024 04:56*	WG2259144
(S) 4-Bromofluorobenzene	*94.8*			*67.0-138*		*04/03/2024 04:56*	WG2259144
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/03/2024 04:56*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 05:15	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 05:15	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 05:15	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 05:15	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 05:15	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 05:15	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 05:15	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 05:15	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 05:15	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 05:15	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 05:15	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 05:15	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 05:15	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 05:15	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 05:15	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 05:15	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 05:15	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 05:15	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 05:15	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 05:15	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 05:15	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 05:15	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 05:15	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 05:15	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 05:15	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 05:15	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 05:15	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 05:15	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 05:15	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 05:15	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 05:15	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 05:15	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 05:15	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 05:15	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 05:15	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 05:15	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 05:15	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 05:15	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 05:15	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 05:15	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 05:15	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 05:15	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 05:15	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 05:15	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 05:15	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 05:15	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 05:15	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 05:15	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 05:15	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 05:15	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 05:15	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 05:15	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 05:15	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 05:15	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 05:15	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 05:15	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 05:15	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 05:15	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 05:15	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 05:15	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 05:15	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 05:15	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 05:15	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 05:15	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 05:15	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 05:15	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 05:15	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 05:15	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 05:15	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 05:15	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 05:15	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 05:15	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 05:15	WG2259144
(S) Toluene-d8	*109*			*75.0-131*		*04/03/2024 05:15*	WG2259144
(S) 4-Bromofluorobenzene	*96.4*			*67.0-138*		*04/03/2024 05:15*	WG2259144
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*04/03/2024 05:15*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 05:34	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 05:34	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 05:34	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 05:34	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 05:34	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 05:34	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 05:34	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 05:34	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 05:34	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 05:34	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 05:34	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 05:34	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 05:34	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 05:34	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 05:34	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 05:34	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 05:34	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 05:34	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 05:34	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 05:34	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 05:34	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 05:34	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 05:34	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 05:34	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 05:34	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 05:34	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 05:34	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 05:34	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 05:34	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 05:34	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 05:34	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 05:34	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 05:34	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 05:34	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 05:34	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 05:34	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 05:34	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 05:34	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 05:34	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 05:34	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 05:34	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 05:34	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 05:34	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 05:34	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 05:34	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 05:34	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 05:34	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 05:34	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 05:34	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 05:34	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 05:34	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 05:34	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 05:34	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 05:34	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 05:34	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 05:34	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 05:34	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 05:34	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 05:34	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 05:34	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 05:34	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 05:34	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 05:34	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 05:34	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 05:34	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 05:34	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 05:34	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 05:34	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 05:34	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 05:34	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 05:34	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 05:34	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 05:34	WG2259144
(S) Toluene-d8	*110*			*75.0-131*		*04/03/2024 05:34*	WG2259144
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*04/03/2024 05:34*	WG2259144
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*04/03/2024 05:34*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 05:53	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 05:53	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 05:53	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 05:53	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 05:53	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 05:53	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 05:53	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 05:53	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 05:53	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 05:53	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 05:53	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 05:53	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 05:53	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 05:53	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 05:53	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 05:53	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 05:53	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 05:53	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 05:53	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 05:53	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 05:53	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 05:53	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 05:53	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 05:53	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 05:53	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 05:53	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 05:53	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 05:53	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 05:53	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 05:53	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 05:53	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 05:53	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 05:53	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 05:53	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 05:53	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 05:53	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 05:53	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 05:53	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 05:53	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 05:53	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 05:53	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 05:53	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 05:53	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 05:53	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 05:53	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 05:53	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 05:53	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 05:53	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 05:53	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 05:53	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 05:53	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 05:53	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 05:53	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 05:53	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 05:53	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 05:53	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 05:53	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 05:53	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 05:53	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 05:53	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 05:53	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 05:53	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 05:53	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 05:53	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 05:53	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 05:53	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 05:53	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 05:53	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 05:53	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 05:53	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 05:53	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 05:53	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 05:53	WG2259144
(S) Toluene-d8	*113*			*75.0-131*		*04/03/2024 05:53*	WG2259144
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*04/03/2024 05:53*	WG2259144
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*04/03/2024 05:53*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 06:13	WG2259144
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 06:13	WG2259144
Benzene	U		0.0117	0.0250	1	04/03/2024 06:13	WG2259144
Bromobenzene	U		0.0225	0.313	1	04/03/2024 06:13	WG2259144
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 06:13	WG2259144
Bromoform	U		0.0293	0.625	1	04/03/2024 06:13	WG2259144
Bromomethane	U		0.0493	0.313	1	04/03/2024 06:13	WG2259144
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 06:13	WG2259144
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 06:13	WG2259144
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 06:13	WG2259144
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 06:13	WG2259144
Carbon disulfide	U		0.0175	0.313	1	04/03/2024 06:13	WG2259144
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 06:13	WG2259144
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 06:13	WG2259144
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 06:13	WG2259144
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 06:13	WG2259144
Chloroform	U		0.0258	0.0625	1	04/03/2024 06:13	WG2259144
Chloromethane	U		0.109	0.313	1	04/03/2024 06:13	WG2259144
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 06:13	WG2259144
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 06:13	WG2259144
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 06:13	WG2259144
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 06:13	WG2259144
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 06:13	WG2259144
Dibromomethane	U		0.0188	0.125	1	04/03/2024 06:13	WG2259144
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 06:13	WG2259144
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 06:13	WG2259144
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 06:13	WG2259144
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 06:13	WG2259144
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 06:13	WG2259144
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 06:13	WG2259144
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 06:13	WG2259144
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 06:13	WG2259144
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 06:13	WG2259144
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 06:13	WG2259144
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 06:13	WG2259144
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 06:13	WG2259144
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 06:13	WG2259144
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 06:13	WG2259144
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 06:13	WG2259144
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 06:13	WG2259144
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 06:13	WG2259144
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 06:13	WG2259144
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 06:13	WG2259144
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 06:13	WG2259144
n-Hexane	U		0.0565	0.125	1	04/03/2024 06:13	WG2259144
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 06:13	WG2259144
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 06:13	WG2259144
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 06:13	WG2259144
Methylene Chloride	U		0.166	0.625	1	04/03/2024 06:13	WG2259144
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 06:13	WG2259144
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 06:13	WG2259144
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 06:13	WG2259144
Naphthalene	U	L2	0.122	0.313	1	04/03/2024 06:13	WG2259144
Propene	U		0.153	1.25	1	04/03/2024 06:13	WG2259144
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 06:13	WG2259144
Styrene	U		0.00573	0.313	1	04/03/2024 06:13	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 06:13	WG2259144
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 06:13	WG2259144
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 06:13	WG2259144
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 06:13	WG2259144
Toluene	U		0.0325	0.125	1	04/03/2024 06:13	WG2259144
1,2,3-Trichlorobenzene	U	L2	0.183	0.313	1	04/03/2024 06:13	WG2259144
1,2,4-Trichlorobenzene	U	L2	0.110	0.313	1	04/03/2024 06:13	WG2259144
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 06:13	WG2259144
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 06:13	WG2259144
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 06:13	WG2259144
Trichlorofluoromethane	U	L1	0.0207	0.0625	1	04/03/2024 06:13	WG2259144
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 06:13	WG2259144
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 06:13	WG2259144
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 06:13	WG2259144
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 06:13	WG2259144
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 06:13	WG2259144
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 06:13	WG2259144
(S) Toluene-d8	*113*			*75.0-131*		*04/03/2024 06:13*	WG2259144
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*04/03/2024 06:13*	WG2259144
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*04/03/2024 06:13*	WG2259144

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 14:17	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 14:17	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 14:17	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 14:17	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 14:17	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 14:17	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 14:17	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 14:17	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 14:17	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 14:17	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 14:17	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 14:17	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 14:17	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 14:17	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 14:17	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 14:17	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 14:17	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 14:17	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 14:17	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 14:17	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 14:17	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 14:17	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 14:17	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 14:17	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 14:17	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 14:17	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 14:17	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 14:17	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 14:17	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 14:17	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 14:17	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 14:17	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 14:17	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 14:17	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 14:17	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 14:17	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 14:17	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 14:17	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 14:17	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 14:17	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 14:17	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 14:17	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 14:17	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 14:17	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 14:17	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 14:17	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 14:17	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 14:17	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 14:17	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 14:17	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 14:17	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 14:17	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 14:17	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 14:17	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 14:17	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 14:17	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 14:17	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 14:17	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 14:17	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 14:17	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 14:17	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 14:17	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 14:17	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 14:17	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 14:17	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 14:17	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 14:17	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 14:17	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 14:17	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 14:17	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 14:17	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 14:17	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 14:17	WG2259357
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 14:17*	WG2259357
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*04/03/2024 14:17*	WG2259357
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*04/03/2024 14:17*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 14:36	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 14:36	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 14:36	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 14:36	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 14:36	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 14:36	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 14:36	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 14:36	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 14:36	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 14:36	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 14:36	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 14:36	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 14:36	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 14:36	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 14:36	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 14:36	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 14:36	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 14:36	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 14:36	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 14:36	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 14:36	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 14:36	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 14:36	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 14:36	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 14:36	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 14:36	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 14:36	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 14:36	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 14:36	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 14:36	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 14:36	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 14:36	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 14:36	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 14:36	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 14:36	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 14:36	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 14:36	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 14:36	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 14:36	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 14:36	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 14:36	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 14:36	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 14:36	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 14:36	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 14:36	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 14:36	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 14:36	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 14:36	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 14:36	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 14:36	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 14:36	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 14:36	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 14:36	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 14:36	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 14:36	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 14:36	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 14:36	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 14:36	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 14:36	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 14:36	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 14:36	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 14:36	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 14:36	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 14:36	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 14:36	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 14:36	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 14:36	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 14:36	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 14:36	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 14:36	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 14:36	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 14:36	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 14:36	WG2259357
(S) Toluene-d8	*112*			*75.0-131*		*04/03/2024 14:36*	WG2259357
(S) 4-Bromofluorobenzene	*91.6*			*67.0-138*		*04/03/2024 14:36*	WG2259357
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/03/2024 14:36*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 14:56	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 14:56	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 14:56	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 14:56	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 14:56	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 14:56	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 14:56	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 14:56	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 14:56	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 14:56	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 14:56	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 14:56	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 14:56	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 14:56	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 14:56	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 14:56	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 14:56	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 14:56	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 14:56	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 14:56	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 14:56	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 14:56	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 14:56	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 14:56	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 14:56	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 14:56	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 14:56	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 14:56	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 14:56	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 14:56	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 14:56	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 14:56	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 14:56	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 14:56	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 14:56	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 14:56	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 14:56	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 14:56	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 14:56	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 14:56	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 14:56	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 14:56	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 14:56	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 14:56	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 14:56	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 14:56	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 14:56	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 14:56	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 14:56	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 14:56	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 14:56	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 14:56	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 14:56	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 14:56	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 14:56	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 14:56	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 14:56	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 14:56	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 14:56	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 14:56	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 14:56	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 14:56	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 14:56	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 14:56	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 14:56	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 14:56	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 14:56	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 14:56	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 14:56	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 14:56	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 14:56	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 14:56	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 14:56	WG2259357
(S) Toluene-d8	*114*			*75.0-131*		*04/03/2024 14:56*	WG2259357
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*04/03/2024 14:56*	WG2259357
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/03/2024 14:56*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 15:15	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 15:15	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 15:15	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 15:15	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 15:15	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 15:15	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 15:15	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 15:15	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 15:15	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 15:15	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 15:15	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 15:15	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 15:15	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 15:15	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 15:15	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 15:15	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 15:15	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 15:15	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 15:15	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 15:15	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 15:15	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 15:15	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 15:15	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 15:15	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 15:15	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 15:15	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 15:15	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 15:15	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 15:15	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 15:15	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 15:15	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 15:15	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 15:15	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 15:15	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 15:15	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 15:15	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 15:15	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 15:15	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 15:15	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 15:15	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 15:15	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 15:15	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 15:15	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 15:15	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 15:15	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 15:15	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 15:15	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 15:15	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 15:15	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 15:15	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 15:15	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 15:15	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 15:15	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 15:15	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 15:15	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 15:15	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 15:15	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 15:15	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 15:15	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 15:15	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 15:15	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 15:15	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 15:15	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 15:15	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 15:15	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 15:15	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 15:15	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 15:15	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 15:15	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 15:15	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 15:15	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 15:15	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 15:15	WG2259357
(S) Toluene-d8	*110*			*75.0-131*		*04/03/2024 15:15*	WG2259357
(S) 4-Bromofluorobenzene	*98.4*			*67.0-138*		*04/03/2024 15:15*	WG2259357
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*		*04/03/2024 15:15*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 15:34	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 15:34	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 15:34	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 15:34	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 15:34	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 15:34	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 15:34	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 15:34	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 15:34	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 15:34	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 15:34	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 15:34	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 15:34	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 15:34	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 15:34	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 15:34	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 15:34	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 15:34	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 15:34	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 15:34	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 15:34	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 15:34	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 15:34	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 15:34	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 15:34	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 15:34	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 15:34	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 15:34	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 15:34	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 15:34	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 15:34	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 15:34	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 15:34	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 15:34	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 15:34	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 15:34	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 15:34	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 15:34	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 15:34	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 15:34	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 15:34	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 15:34	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 15:34	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 15:34	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 15:34	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 15:34	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 15:34	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 15:34	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 15:34	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 15:34	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 15:34	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 15:34	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 15:34	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 15:34	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 15:34	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 15:34	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 15:34	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 15:34	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 15:34	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 15:34	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 15:34	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 15:34	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 15:34	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 15:34	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 15:34	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 15:34	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 15:34	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 15:34	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 15:34	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 15:34	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 15:34	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 15:34	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 15:34	WG2259357
(S) Toluene-d8	*110*			*75.0-131*		*04/03/2024 15:34*	WG2259357
(S) 4-Bromofluorobenzene	*95.5*			*67.0-138*		*04/03/2024 15:34*	WG2259357
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*04/03/2024 15:34*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 15:53	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 15:53	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 15:53	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 15:53	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 15:53	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 15:53	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 15:53	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 15:53	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 15:53	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 15:53	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 15:53	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 15:53	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 15:53	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 15:53	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 15:53	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 15:53	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 15:53	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 15:53	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 15:53	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 15:53	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 15:53	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 15:53	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 15:53	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 15:53	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 15:53	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 15:53	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 15:53	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 15:53	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 15:53	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 15:53	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 15:53	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 15:53	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 15:53	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 15:53	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 15:53	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 15:53	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 15:53	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 15:53	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 15:53	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 15:53	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 15:53	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 15:53	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 15:53	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 15:53	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 15:53	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 15:53	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 15:53	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 15:53	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 15:53	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 15:53	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 15:53	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 15:53	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 15:53	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 15:53	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 15:53	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 15:53	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 15:53	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 15:53	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 15:53	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 15:53	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 15:53	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 15:53	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 15:53	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 15:53	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 15:53	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 15:53	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 15:53	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 15:53	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 15:53	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 15:53	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 15:53	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 15:53	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 15:53	WG2259357
(S) Toluene-d8	*110*			*75.0-131*		*04/03/2024 15:53*	WG2259357
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*04/03/2024 15:53*	WG2259357
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*04/03/2024 15:53*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 16:12	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 16:12	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 16:12	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 16:12	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 16:12	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 16:12	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 16:12	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 16:12	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 16:12	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 16:12	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 16:12	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 16:12	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 16:12	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 16:12	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 16:12	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 16:12	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 16:12	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 16:12	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 16:12	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 16:12	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 16:12	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 16:12	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 16:12	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 16:12	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 16:12	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 16:12	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 16:12	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 16:12	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 16:12	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 16:12	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 16:12	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 16:12	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 16:12	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 16:12	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 16:12	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 16:12	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 16:12	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 16:12	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 16:12	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 16:12	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 16:12	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 16:12	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 16:12	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 16:12	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 16:12	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 16:12	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 16:12	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 16:12	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 16:12	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 16:12	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 16:12	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 16:12	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 16:12	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 16:12	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 16:12	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 16:12	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 16:12	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 16:12	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 16:12	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 16:12	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 16:12	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 16:12	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 16:12	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 16:12	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 16:12	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 16:12	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 16:12	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 16:12	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 16:12	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 16:12	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 16:12	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 16:12	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 16:12	WG2259357
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 16:12*	WG2259357
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*04/03/2024 16:12*	WG2259357
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*		*04/03/2024 16:12*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 16:32	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 16:32	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 16:32	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 16:32	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 16:32	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 16:32	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 16:32	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 16:32	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 16:32	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 16:32	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 16:32	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 16:32	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 16:32	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 16:32	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 16:32	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 16:32	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 16:32	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 16:32	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 16:32	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 16:32	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 16:32	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 16:32	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 16:32	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 16:32	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 16:32	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 16:32	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 16:32	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 16:32	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 16:32	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 16:32	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 16:32	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 16:32	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 16:32	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 16:32	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 16:32	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 16:32	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 16:32	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 16:32	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 16:32	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 16:32	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 16:32	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 16:32	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 16:32	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 16:32	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 16:32	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 16:32	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 16:32	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 16:32	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 16:32	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 16:32	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 16:32	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 16:32	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 16:32	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 16:32	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 16:32	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 16:32	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 16:32	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 16:32	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 16:32	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 16:32	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 16:32	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 16:32	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 16:32	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 16:32	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 16:32	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 16:32	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 16:32	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 16:32	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 16:32	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 16:32	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 16:32	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 16:32	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 16:32	WG2259357
(S) Toluene-d8	*112*			*75.0-131*		*04/03/2024 16:32*	WG2259357
(S) 4-Bromofluorobenzene	*97.4*			*67.0-138*		*04/03/2024 16:32*	WG2259357
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*		*04/03/2024 16:32*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 16:51	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 16:51	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 16:51	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 16:51	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 16:51	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 16:51	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 16:51	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 16:51	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 16:51	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 16:51	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 16:51	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 16:51	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 16:51	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 16:51	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 16:51	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 16:51	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 16:51	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 16:51	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 16:51	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 16:51	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 16:51	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 16:51	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 16:51	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 16:51	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 16:51	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 16:51	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 16:51	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 16:51	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 16:51	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 16:51	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 16:51	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 16:51	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 16:51	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 16:51	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 16:51	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 16:51	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 16:51	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 16:51	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 16:51	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 16:51	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 16:51	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 16:51	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 16:51	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 16:51	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 16:51	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 16:51	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 16:51	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 16:51	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 16:51	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 16:51	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 16:51	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 16:51	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 16:51	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 16:51	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 16:51	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 16:51	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 16:51	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 16:51	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 16:51	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 16:51	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 16:51	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 16:51	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 16:51	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 16:51	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 16:51	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 16:51	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 16:51	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 16:51	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 16:51	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 16:51	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 16:51	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 16:51	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 16:51	WG2259357
(S) Toluene-d8	*112*			*75.0-131*		*04/03/2024 16:51*	WG2259357
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*04/03/2024 16:51*	WG2259357
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*04/03/2024 16:51*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 17:10	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 17:10	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 17:10	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 17:10	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 17:10	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 17:10	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 17:10	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 17:10	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 17:10	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 17:10	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 17:10	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 17:10	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 17:10	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 17:10	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 17:10	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 17:10	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 17:10	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 17:10	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 17:10	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 17:10	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 17:10	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 17:10	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 17:10	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 17:10	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 17:10	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 17:10	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 17:10	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 17:10	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 17:10	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 17:10	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 17:10	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 17:10	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 17:10	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 17:10	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 17:10	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 17:10	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 17:10	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 17:10	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 17:10	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 17:10	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 17:10	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 17:10	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 17:10	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 17:10	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 17:10	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 17:10	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 17:10	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 17:10	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 17:10	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 17:10	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 17:10	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 17:10	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 17:10	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 17:10	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 17:10	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 17:10	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 17:10	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 17:10	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 17:10	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 17:10	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 17:10	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 17:10	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 17:10	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 17:10	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 17:10	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 17:10	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 17:10	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 17:10	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 17:10	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 17:10	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 17:10	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 17:10	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 17:10	WG2259357
(S) Toluene-d8	*109*			*75.0-131*		*04/03/2024 17:10*	WG2259357
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*04/03/2024 17:10*	WG2259357
(S) 1,2-Dichloroethane-d4	*99.5*			*70.0-130*		*04/03/2024 17:10*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 17:29	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 17:29	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 17:29	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 17:29	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 17:29	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 17:29	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 17:29	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 17:29	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 17:29	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 17:29	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 17:29	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 17:29	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 17:29	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 17:29	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 17:29	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 17:29	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 17:29	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 17:29	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 17:29	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 17:29	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 17:29	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 17:29	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 17:29	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 17:29	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 17:29	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 17:29	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 17:29	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 17:29	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 17:29	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 17:29	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 17:29	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 17:29	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 17:29	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 17:29	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 17:29	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 17:29	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 17:29	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 17:29	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 17:29	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 17:29	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 17:29	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 17:29	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 17:29	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 17:29	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 17:29	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 17:29	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 17:29	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 17:29	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 17:29	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 17:29	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 17:29	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 17:29	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 17:29	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 17:29	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 17:29	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 17:29	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 17:29	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 17:29	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 17:29	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 17:29	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 17:29	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 17:29	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 17:29	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 17:29	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 17:29	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 17:29	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 17:29	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 17:29	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 17:29	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 17:29	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 17:29	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 17:29	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 17:29	WG2259357
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 17:29*	WG2259357
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*04/03/2024 17:29*	WG2259357
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*04/03/2024 17:29*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 17:48	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 17:48	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 17:48	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 17:48	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 17:48	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 17:48	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 17:48	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 17:48	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 17:48	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 17:48	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 17:48	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 17:48	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 17:48	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 17:48	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 17:48	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 17:48	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 17:48	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 17:48	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 17:48	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 17:48	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 17:48	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 17:48	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 17:48	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 17:48	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 17:48	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 17:48	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 17:48	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 17:48	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 17:48	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 17:48	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 17:48	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 17:48	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 17:48	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 17:48	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 17:48	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 17:48	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 17:48	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 17:48	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 17:48	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 17:48	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 17:48	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 17:48	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 17:48	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 17:48	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 17:48	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 17:48	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 17:48	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 17:48	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 17:48	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 17:48	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 17:48	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 17:48	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 17:48	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 17:48	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 17:48	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 17:48	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 17:48	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 17:48	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 17:48	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 17:48	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 17:48	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 17:48	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 17:48	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 17:48	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 17:48	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 17:48	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 17:48	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 17:48	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 17:48	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 17:48	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 17:48	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 17:48	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 17:48	WG2259357
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 17:48*	WG2259357
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*04/03/2024 17:48*	WG2259357
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*04/03/2024 17:48*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 18:07	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 18:07	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 18:07	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 18:07	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 18:07	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 18:07	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 18:07	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 18:07	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 18:07	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 18:07	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 18:07	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 18:07	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 18:07	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 18:07	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 18:07	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 18:07	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 18:07	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 18:07	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 18:07	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 18:07	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 18:07	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 18:07	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 18:07	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 18:07	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 18:07	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 18:07	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 18:07	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 18:07	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 18:07	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 18:07	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 18:07	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 18:07	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 18:07	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 18:07	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 18:07	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 18:07	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 18:07	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 18:07	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 18:07	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 18:07	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 18:07	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 18:07	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 18:07	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 18:07	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 18:07	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 18:07	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 18:07	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 18:07	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 18:07	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 18:07	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 18:07	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 18:07	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 18:07	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 18:07	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 18:07	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 18:07	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 18:07	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 18:07	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 18:07	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 18:07	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 18:07	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 18:07	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 18:07	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 18:07	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 18:07	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 18:07	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 18:07	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 18:07	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 18:07	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 18:07	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 18:07	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 18:07	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 18:07	WG2259357
(S) Toluene-d8	*111*			*75.0-131*		*04/03/2024 18:07*	WG2259357
(S) 4-Bromofluorobenzene	*98.2*			*67.0-138*		*04/03/2024 18:07*	WG2259357
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*04/03/2024 18:07*	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	L1	0.913	1.25	1	04/03/2024 18:26	WG2259357
Acrylonitrile	U		0.0903	0.313	1	04/03/2024 18:26	WG2259357
Benzene	U		0.0117	0.0250	1	04/03/2024 18:26	WG2259357
Bromobenzene	U		0.0225	0.313	1	04/03/2024 18:26	WG2259357
Bromodichloromethane	U		0.0181	0.0625	1	04/03/2024 18:26	WG2259357
Bromoform	U		0.0293	0.625	1	04/03/2024 18:26	WG2259357
Bromomethane	U		0.0493	0.313	1	04/03/2024 18:26	WG2259357
1,3-Butadiene	U		0.128	0.625	1	04/03/2024 18:26	WG2259357
n-Butylbenzene	U		0.131	0.313	1	04/03/2024 18:26	WG2259357
sec-Butylbenzene	U		0.0720	0.313	1	04/03/2024 18:26	WG2259357
tert-Butylbenzene	U		0.0488	0.125	1	04/03/2024 18:26	WG2259357
Carbon disulfide	U	L2	0.0175	0.313	1	04/03/2024 18:26	WG2259357
Carbon tetrachloride	U		0.0225	0.125	1	04/03/2024 18:26	WG2259357
Chlorobenzene	U		0.00525	0.0625	1	04/03/2024 18:26	WG2259357
Chlorodibromomethane	U		0.0153	0.0625	1	04/03/2024 18:26	WG2259357
Chloroethane	U	L1	0.0425	0.125	1	04/03/2024 18:26	WG2259357
Chloroform	U		0.0258	0.0625	1	04/03/2024 18:26	WG2259357
Chloromethane	U		0.109	0.313	1	04/03/2024 18:26	WG2259357
2-Chlorotoluene	U		0.0216	0.0625	1	04/03/2024 18:26	WG2259357
4-Chlorotoluene	U		0.0113	0.125	1	04/03/2024 18:26	WG2259357
Cyclohexane	U		0.0278	0.0625	1	04/03/2024 18:26	WG2259357
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/03/2024 18:26	WG2259357
1,2-Dibromoethane	U		0.0162	0.0625	1	04/03/2024 18:26	WG2259357
Dibromomethane	U		0.0188	0.125	1	04/03/2024 18:26	WG2259357
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/03/2024 18:26	WG2259357
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/03/2024 18:26	WG2259357
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/03/2024 18:26	WG2259357
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/03/2024 18:26	WG2259357
1,1-Dichloroethane	U		0.0123	0.0625	1	04/03/2024 18:26	WG2259357
1,2-Dichloroethane	U		0.0162	0.0625	1	04/03/2024 18:26	WG2259357
1,1-Dichloroethene	U		0.0152	0.0625	1	04/03/2024 18:26	WG2259357
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/03/2024 18:26	WG2259357
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/03/2024 18:26	WG2259357
1,2-Dichloropropane	U		0.0355	0.125	1	04/03/2024 18:26	WG2259357
1,1-Dichloropropene	U		0.0202	0.0625	1	04/03/2024 18:26	WG2259357
1,3-Dichloropropane	U		0.0125	0.125	1	04/03/2024 18:26	WG2259357
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/03/2024 18:26	WG2259357
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/03/2024 18:26	WG2259357
2,2-Dichloropropane	U		0.0345	0.0625	1	04/03/2024 18:26	WG2259357
Dicyclopentadiene	U		0.0413	0.313	1	04/03/2024 18:26	WG2259357
Di-isopropyl ether	U		0.0103	0.0250	1	04/03/2024 18:26	WG2259357
Ethylbenzene	U		0.0184	0.0625	1	04/03/2024 18:26	WG2259357
4-Ethyltoluene	U		0.0580	0.125	1	04/03/2024 18:26	WG2259357
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/03/2024 18:26	WG2259357
n-Hexane	U		0.0565	0.125	1	04/03/2024 18:26	WG2259357
Isopropylbenzene	U		0.0106	0.0625	1	04/03/2024 18:26	WG2259357
p-Isopropyltoluene	U		0.0638	0.125	1	04/03/2024 18:26	WG2259357
2-Butanone (MEK)	U		1.59	2.50	1	04/03/2024 18:26	WG2259357
Methylene Chloride	U		0.166	0.625	1	04/03/2024 18:26	WG2259357
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/03/2024 18:26	WG2259357
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/03/2024 18:26	WG2259357
Methyl Cyclohexane	U		0.0515	0.125	1	04/03/2024 18:26	WG2259357
Naphthalene	U		0.122	0.313	1	04/03/2024 18:26	WG2259357
Propene	U	R7	0.153	1.25	1	04/03/2024 18:26	WG2259357
n-Propylbenzene	U		0.0238	0.125	1	04/03/2024 18:26	WG2259357
Styrene	U		0.00573	0.313	1	04/03/2024 18:26	WG2259357

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/03/2024 18:26	WG2259357
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/03/2024 18:26	WG2259357
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/03/2024 18:26	WG2259357
Tetrachloroethene	U		0.0224	0.0625	1	04/03/2024 18:26	WG2259357
Toluene	U		0.0325	0.125	1	04/03/2024 18:26	WG2259357
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/03/2024 18:26	WG2259357
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/03/2024 18:26	WG2259357
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/03/2024 18:26	WG2259357
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/03/2024 18:26	WG2259357
Trichloroethene	U		0.0146	0.0250	1	04/03/2024 18:26	WG2259357
Trichlorofluoromethane	U		0.0207	0.0625	1	04/03/2024 18:26	WG2259357
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/03/2024 18:26	WG2259357
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 18:26	WG2259357
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/03/2024 18:26	WG2259357
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/03/2024 18:26	WG2259357
Vinyl chloride	U		0.0290	0.0625	1	04/03/2024 18:26	WG2259357
Xylenes, Total	U		0.0220	0.163	1	04/03/2024 18:26	WG2259357
(S) Toluene-d8	*110*			*75.0-131*		*04/03/2024 18:26*	WG2259357
(S) 4-Bromofluorobenzene	*96.5*			*67.0-138*		*04/03/2024 18:26*	WG2259357
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/03/2024 18:26*	WG2259357

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	04/04/2024 05:11	WG2259402
Acenaphthene	U		0.00209	0.00600	1	04/04/2024 05:11	WG2259402
Acenaphthylene	U		0.00216	0.00600	1	04/04/2024 05:11	WG2259402
Benzo(a)anthracene	U		0.00173	0.00600	1	04/04/2024 05:11	WG2259402
Benzo(a)pyrene	U		0.00179	0.00600	1	04/04/2024 05:11	WG2259402
Benzo(b)fluoranthene	U		0.00153	0.00600	1	04/04/2024 05:11	WG2259402
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	04/04/2024 05:11	WG2259402
Benzo(k)fluoranthene	U		0.00215	0.00600	1	04/04/2024 05:11	WG2259402
Chrysene	U		0.00232	0.00600	1	04/04/2024 05:11	WG2259402
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	04/04/2024 05:11	WG2259402
Fluoranthene	U		0.00227	0.00600	1	04/04/2024 05:11	WG2259402
Fluorene	U		0.00205	0.00600	1	04/04/2024 05:11	WG2259402
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	04/04/2024 05:11	WG2259402
Naphthalene	U		0.00408	0.0200	1	04/04/2024 05:11	WG2259402
Phenanthrene	U		0.00231	0.00600	1	04/04/2024 05:11	WG2259402
Pyrene	U		0.00200	0.00600	1	04/04/2024 05:11	WG2259402
1-Methylnaphthalene	U		0.00449	0.0200	1	04/04/2024 05:11	WG2259402
2-Methylnaphthalene	U		0.00427	0.0200	1	04/04/2024 05:11	WG2259402
2-Chloronaphthalene	U		0.00466	0.0200	1	04/04/2024 05:11	WG2259402
(S) p-Terphenyl-d14	*52.2*			*23.0-120*		*04/04/2024 05:11*	WG2259402
(S) Nitrobenzene-d5	*63.0*			*14.0-149*		*04/04/2024 05:11*	WG2259402
(S) 2-Fluorobiphenyl	*59.1*			*34.0-125*		*04/04/2024 05:11*	WG2259402

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	04/03/2024 11:38	WG2259532
Acrolein	U		2.54	50.0	1	04/03/2024 11:38	WG2259532
Acrylonitrile	U		0.671	10.0	1	04/03/2024 11:38	WG2259532
Benzene	U		0.0941	1.00	1	04/03/2024 11:38	WG2259532
Bromobenzene	U		0.118	1.00	1	04/03/2024 11:38	WG2259532
Bromodichloromethane	U		0.136	1.00	1	04/03/2024 11:38	WG2259532
Bromoform	U		0.129	1.00	1	04/03/2024 11:38	WG2259532
Bromomethane	U		0.605	5.00	1	04/03/2024 11:38	WG2259532
1,3-Butadiene	U		0.299	2.00	1	04/03/2024 11:38	WG2259532
n-Butylbenzene	U		0.157	1.00	1	04/03/2024 11:38	WG2259532
sec-Butylbenzene	U		0.125	1.00	1	04/03/2024 11:38	WG2259532
tert-Butylbenzene	U		0.127	1.00	1	04/03/2024 11:38	WG2259532
Carbon tetrachloride	U		0.128	1.00	1	04/03/2024 11:38	WG2259532
Carbon disulfide	U		0.0962	1.00	1	04/03/2024 11:38	WG2259532
Chlorobenzene	U		0.116	1.00	1	04/03/2024 11:38	WG2259532
Chlorodibromomethane	U		0.140	1.00	1	04/03/2024 11:38	WG2259532
Chloroethane	U		0.192	5.00	1	04/03/2024 11:38	WG2259532
Chloroform	U		0.111	5.00	1	04/03/2024 11:38	WG2259532
Chloromethane	U		0.960	2.50	1	04/03/2024 11:38	WG2259532
Cyclohexane	U		0.188	1.00	1	04/03/2024 11:38	WG2259532
2-Chlorotoluene	U		0.106	1.00	1	04/03/2024 11:38	WG2259532
4-Chlorotoluene	U		0.114	1.00	1	04/03/2024 11:38	WG2259532
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/03/2024 11:38	WG2259532
1,2-Dibromoethane	U		0.126	1.00	1	04/03/2024 11:38	WG2259532
Dibromomethane	U		0.122	1.00	1	04/03/2024 11:38	WG2259532
1,2-Dichlorobenzene	U		0.107	1.00	1	04/03/2024 11:38	WG2259532
1,3-Dichlorobenzene	U		0.110	1.00	1	04/03/2024 11:38	WG2259532
1,4-Dichlorobenzene	U		0.120	1.00	1	04/03/2024 11:38	WG2259532
Dichlorodifluoromethane	U		0.374	5.00	1	04/03/2024 11:38	WG2259532
1,1-Dichloroethane	U		0.100	1.00	1	04/03/2024 11:38	WG2259532
1,2-Dichloroethane	U		0.0819	1.00	1	04/03/2024 11:38	WG2259532
1,1-Dichloroethene	U		0.188	1.00	1	04/03/2024 11:38	WG2259532
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/03/2024 11:38	WG2259532
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/03/2024 11:38	WG2259532
1,2-Dichloropropane	U		0.149	1.00	1	04/03/2024 11:38	WG2259532
1,1-Dichloropropene	U		0.142	1.00	1	04/03/2024 11:38	WG2259532
1,3-Dichloropropane	U		0.110	1.00	1	04/03/2024 11:38	WG2259532
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/03/2024 11:38	WG2259532
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/03/2024 11:38	WG2259532
2,2-Dichloropropane	U		0.161	1.00	1	04/03/2024 11:38	WG2259532
Dicyclopentadiene	U		0.253	1.00	1	04/03/2024 11:38	WG2259532
Di-isopropyl ether	U		0.105	1.00	1	04/03/2024 11:38	WG2259532
Ethylbenzene	U		0.137	1.00	1	04/03/2024 11:38	WG2259532
4-Ethyltoluene	U		0.208	1.00	1	04/03/2024 11:38	WG2259532
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/03/2024 11:38	WG2259532
n-Hexane	U		0.749	10.0	1	04/03/2024 11:38	WG2259532
Isopropylbenzene	U		0.105	1.00	1	04/03/2024 11:38	WG2259532
p-Isopropyltoluene	U		0.120	1.00	1	04/03/2024 11:38	WG2259532
2-Butanone (MEK)	U		1.19	10.0	1	04/03/2024 11:38	WG2259532
Methyl Cyclohexane	U		0.660	1.00	1	04/03/2024 11:38	WG2259532
Methylene Chloride	U		0.430	5.00	1	04/03/2024 11:38	WG2259532
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/03/2024 11:38	WG2259532
Methyl tert-butyl ether	U		0.101	1.00	1	04/03/2024 11:38	WG2259532
Naphthalene	U		1.00	5.00	1	04/03/2024 11:38	WG2259532
Propene	U		0.936	2.50	1	04/03/2024 11:38	WG2259532
n-Propylbenzene	U		0.0993	1.00	1	04/03/2024 11:38	WG2259532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	04/03/2024 11:38	WG2259532
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/03/2024 11:38	WG2259532
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/03/2024 11:38	WG2259532
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/03/2024 11:38	WG2259532
Tetrachloroethene	U		0.300	1.00	1	04/03/2024 11:38	WG2259532
Toluene	U		0.278	1.00	1	04/03/2024 11:38	WG2259532
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/03/2024 11:38	WG2259532
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/03/2024 11:38	WG2259532
1,1,1-Trichloroethane	U		0.149	1.00	1	04/03/2024 11:38	WG2259532
1,1,2-Trichloroethane	U		0.158	1.00	1	04/03/2024 11:38	WG2259532
Trichloroethene	U		0.190	1.00	1	04/03/2024 11:38	WG2259532
Trichlorofluoromethane	U		0.160	5.00	1	04/03/2024 11:38	WG2259532
1,2,3-Trichloropropane	U		0.237	2.50	1	04/03/2024 11:38	WG2259532
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/03/2024 11:38	WG2259532
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/03/2024 11:38	WG2259532
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/03/2024 11:38	WG2259532
Vinyl chloride	U		0.234	1.00	1	04/03/2024 11:38	WG2259532
Xylenes, Total	U		0.174	3.00	1	04/03/2024 11:38	WG2259532
(S) Toluene-d8	*102*			*80.0-120*		*04/03/2024 11:38*	WG2259532
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*04/03/2024 11:38*	WG2259532
(S) 1,2-Dichloroethane-d4	*97.0*			*70.0-130*		*04/03/2024 11:38*	WG2259532

Method Blank (MB)

(MB) R4053383-3 04/02/24 23:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4053383-3 04/02/24 23:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*111*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*94.8*			*70.0-130*

QUALITY CONTROL SUMMARY

L1720001-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4053383-1 04/02/24 22:05 • (LCSD) R4053383-2 04/02/24 22:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	1.74	1.50	278	240	30.0-160	L1	L1	14.8	31
Acrylonitrile	0.625	0.540	0.548	86.4	87.7	45.0-153			1.47	22
Benzene	0.125	0.122	0.120	97.6	96.0	70.0-123			1.65	20
Bromobenzene	0.125	0.120	0.122	96.0	97.6	73.0-121			1.65	20
Bromodichloromethane	0.125	0.106	0.104	84.8	83.2	73.0-121			1.90	20
Bromoform	0.125	0.0885	0.0912	70.8	73.0	64.0-132			3.01	20
Bromomethane	0.125	0.184	0.178	147	142	56.0-147			3.31	20
1,3-Butadiene	0.125	0.130	0.128	104	102	32.0-150			1.55	20
n-Butylbenzene	0.125	0.106	0.102	84.8	81.6	68.0-135			3.85	20
sec-Butylbenzene	0.125	0.115	0.115	92.0	92.0	74.0-130			0.000	20
tert-Butylbenzene	0.125	0.115	0.114	92.0	91.2	75.0-127			0.873	20
Carbon disulfide	0.125	0.0802	0.0743	64.2	59.4	56.0-133			7.64	20
Carbon tetrachloride	0.125	0.121	0.115	96.8	92.0	66.0-128			5.08	20
Chlorobenzene	0.125	0.129	0.125	103	100	76.0-128			3.15	20
Chlorodibromomethane	0.125	0.103	0.104	82.4	83.2	74.0-127			0.966	20
Chloroethane	0.125	0.167	0.170	134	136	61.0-134		L1	1.78	20
Chloroform	0.125	0.119	0.119	95.2	95.2	72.0-123			0.000	20
Chloromethane	0.125	0.122	0.119	97.6	95.2	51.0-138			2.49	20
2-Chlorotoluene	0.125	0.117	0.113	93.6	90.4	75.0-124			3.48	20
4-Chlorotoluene	0.125	0.104	0.106	83.2	84.8	75.0-124			1.90	20
Cyclohexane	0.125	0.106	0.119	84.8	95.2	70.0-130			11.6	20
1,2-Dibromo-3-Chloropropane	0.125	0.0866	0.0823	69.3	65.8	59.0-130			5.09	20
1,2-Dibromoethane	0.125	0.128	0.123	102	98.4	74.0-128			3.98	20
Dibromomethane	0.125	0.118	0.127	94.4	102	75.0-122			7.35	20
1,2-Dichlorobenzene	0.125	0.107	0.106	85.6	84.8	76.0-124			0.939	20
1,3-Dichlorobenzene	0.125	0.114	0.113	91.2	90.4	76.0-125			0.881	20
1,4-Dichlorobenzene	0.125	0.116	0.113	92.8	90.4	77.0-121			2.62	20
Dichlorodifluoromethane	0.125	0.130	0.134	104	107	43.0-156			3.03	20
1,1-Dichloroethane	0.125	0.121	0.113	96.8	90.4	70.0-127			6.84	20
1,2-Dichloroethane	0.125	0.114	0.116	91.2	92.8	65.0-131			1.74	20
1,1-Dichloroethene	0.125	0.122	0.120	97.6	96.0	65.0-131			1.65	20
cis-1,2-Dichloroethene	0.125	0.117	0.116	93.6	92.8	73.0-125			0.858	20
trans-1,2-Dichloroethene	0.125	0.140	0.135	112	108	71.0-125			3.64	20
1,2-Dichloropropane	0.125	0.111	0.111	88.8	88.8	74.0-125			0.000	20
1,1-Dichloropropene	0.125	0.131	0.130	105	104	73.0-125			0.766	20
1,3-Dichloropropane	0.125	0.120	0.121	96.0	96.8	80.0-125			0.830	20
cis-1,3-Dichloropropene	0.125	0.102	0.0996	81.6	79.7	76.0-127			2.38	20
trans-1,3-Dichloropropene	0.125	0.108	0.110	86.4	88.0	73.0-127			1.83	20
2,2-Dichloropropane	0.125	0.0918	0.0785	73.4	62.8	59.0-135			15.6	20
Dicyclopentadiene	0.125	0.108	0.108	86.4	86.4	71.0-132			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4053383-1 04/02/24 22:05 • (LCSD) R4053383-2 04/02/24 22:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.112	0.109	89.6	87.2	60.0-136			2.71	20
Ethylbenzene	0.125	0.132	0.128	106	102	74.0-126			3.08	20
4-Ethyltoluene	0.125	0.115	0.115	92.0	92.0	71.0-129			0.000	20
Hexachloro-1,3-butadiene	0.125	0.0914	0.0793	73.1	63.4	57.0-150			14.2	20
n-Hexane	0.125	0.120	0.114	96.0	91.2	55.0-137			5.13	20
Isopropylbenzene	0.125	0.130	0.126	104	101	72.0-127			3.12	20
p-Isopropyltoluene	0.125	0.116	0.113	92.8	90.4	72.0-133			2.62	20
2-Butanone (MEK)	0.625	0.815	0.832	130	133	30.0-160			2.06	24
Methylene Chloride	0.125	0.119	0.111	95.2	88.8	68.0-123			6.96	20
4-Methyl-2-pentanone (MIBK)	0.625	0.655	0.647	105	104	56.0-143			1.23	20
Methyl tert-butyl ether	0.125	0.127	0.123	102	98.4	66.0-132			3.20	20
Methyl Cyclohexane	0.125	0.131	0.133	105	106	67.0-129			1.52	20
Naphthalene	0.125	0.0675	0.0644	54.0	51.5	59.0-130	L2	L2	4.70	20
Propene	0.125	0.101	0.0959	80.8	76.7	30.0-160			5.18	20
n-Propylbenzene	0.125	0.117	0.119	93.6	95.2	74.0-126			1.69	20
Styrene	0.125	0.114	0.114	91.2	91.2	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	0.125	0.119	0.115	95.2	92.0	74.0-129			3.42	20
1,1,2,2-Tetrachloroethane	0.125	0.121	0.128	96.8	102	68.0-128			5.62	20
1,1,2-Trichlorotrifluoroethane	0.125	0.112	0.107	89.6	85.6	61.0-139			4.57	20
Tetrachloroethene	0.125	0.154	0.151	123	121	70.0-136			1.97	20
Toluene	0.125	0.129	0.129	103	103	75.0-121			0.000	20
1,2,3-Trichlorobenzene	0.125	0.0679	0.0629	54.3	50.3	59.0-139	L2	L2	7.65	20
1,2,4-Trichlorobenzene	0.125	0.0736	0.0655	58.9	52.4	62.0-137	L2	L2	11.6	20
1,1,1-Trichloroethane	0.125	0.132	0.127	106	102	69.0-126			3.86	20
1,1,2-Trichloroethane	0.125	0.124	0.131	99.2	105	78.0-123			5.49	20
Trichloroethene	0.125	0.132	0.126	106	101	76.0-126			4.65	20
Trichlorofluoromethane	0.125	0.183	0.163	146	130	61.0-142	L1		11.6	20
1,2,3-Trichloropropane	0.125	0.118	0.123	94.4	98.4	67.0-129			4.15	20
1,2,4-Trimethylbenzene	0.125	0.104	0.107	83.2	85.6	70.0-126			2.84	20
1,2,3-Trimethylbenzene	0.125	0.102	0.101	81.6	80.8	74.0-124			0.985	20
1,3,5-Trimethylbenzene	0.125	0.106	0.107	84.8	85.6	73.0-127			0.939	20
Vinyl chloride	0.125	0.135	0.127	108	102	63.0-134			6.11	20
Xylenes, Total	0.375	0.385	0.375	103	100	72.0-127			2.63	20
(S) Toluene-d8				*108*	*108*	*75.0-131*				
(S) 4-Bromofluorobenzene				*93.3*	*91.6*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*105*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R4053580-3 04/03/24 11:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4053580-3 04/03/24 11:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*111*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.2*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4053580-1 04/03/24 08:53 • (LCSD) R4053580-2 04/03/24 09:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	1.56	1.63	250	261	30.0-160	L1	L1	4.39	31
Acrylonitrile	0.625	0.565	0.615	90.4	98.4	45.0-153			8.47	22
Benzene	0.125	0.117	0.116	93.6	92.8	70.0-123			0.858	20
Bromobenzene	0.125	0.106	0.106	84.8	84.8	73.0-121			0.000	20
Bromodichloromethane	0.125	0.101	0.0960	80.8	76.8	73.0-121			5.08	20
Bromoform	0.125	0.0907	0.0926	72.6	74.1	64.0-132			2.07	20
Bromomethane	0.125	0.182	0.170	146	136	56.0-147			6.82	20
1,3-Butadiene	0.125	0.131	0.123	105	98.4	32.0-150			6.30	20
n-Butylbenzene	0.125	0.113	0.107	90.4	85.6	68.0-135			5.45	20
sec-Butylbenzene	0.125	0.114	0.110	91.2	88.0	74.0-130			3.57	20
tert-Butylbenzene	0.125	0.109	0.122	87.2	97.6	75.0-127			11.3	20
Carbon disulfide	0.125	0.0747	0.0615	59.8	49.2	56.0-133		L2	19.4	20
Carbon tetrachloride	0.125	0.114	0.112	91.2	89.6	66.0-128			1.77	20
Chlorobenzene	0.125	0.122	0.119	97.6	95.2	76.0-128			2.49	20
Chlorodibromomethane	0.125	0.0999	0.0994	79.9	79.5	74.0-127			0.502	20
Chloroethane	0.125	0.181	0.157	145	126	61.0-134	L1		14.2	20
Chloroform	0.125	0.116	0.112	92.8	89.6	72.0-123			3.51	20
Chloromethane	0.125	0.117	0.108	93.6	86.4	51.0-138			8.00	20
2-Chlorotoluene	0.125	0.105	0.103	84.0	82.4	75.0-124			1.92	20
4-Chlorotoluene	0.125	0.0945	0.0954	75.6	76.3	75.0-124			0.948	20
Cyclohexane	0.125	0.103	0.101	82.4	80.8	70.0-130			1.96	20
1,2-Dibromo-3-Chloropropane	0.125	0.0872	0.0940	69.8	75.2	59.0-130			7.51	20
1,2-Dibromoethane	0.125	0.121	0.119	96.8	95.2	74.0-128			1.67	20
Dibromomethane	0.125	0.111	0.116	88.8	92.8	75.0-122			4.41	20
1,2-Dichlorobenzene	0.125	0.113	0.111	90.4	88.8	76.0-124			1.79	20
1,3-Dichlorobenzene	0.125	0.113	0.108	90.4	86.4	76.0-125			4.52	20
1,4-Dichlorobenzene	0.125	0.111	0.109	88.8	87.2	77.0-121			1.82	20
Dichlorodifluoromethane	0.125	0.127	0.124	102	99.2	43.0-156			2.39	20
1,1-Dichloroethane	0.125	0.110	0.110	88.0	88.0	70.0-127			0.000	20
1,2-Dichloroethane	0.125	0.113	0.113	90.4	90.4	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.115	0.113	92.0	90.4	65.0-131			1.75	20
cis-1,2-Dichloroethene	0.125	0.112	0.108	89.6	86.4	73.0-125			3.64	20
trans-1,2-Dichloroethene	0.125	0.137	0.133	110	106	71.0-125			2.96	20
1,2-Dichloropropane	0.125	0.102	0.103	81.6	82.4	74.0-125			0.976	20
1,1-Dichloropropene	0.125	0.120	0.115	96.0	92.0	73.0-125			4.26	20
1,3-Dichloropropane	0.125	0.115	0.112	92.0	89.6	80.0-125			2.64	20
cis-1,3-Dichloropropene	0.125	0.0953	0.0980	76.2	78.4	76.0-127			2.79	20
trans-1,3-Dichloropropene	0.125	0.105	0.104	84.0	83.2	73.0-127			0.957	20
2,2-Dichloropropane	0.125	0.0883	0.0877	70.6	70.2	59.0-135			0.682	20
Dicyclopentadiene	0.125	0.104	0.101	83.2	80.8	71.0-132			2.93	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4053580-1 04/03/24 08:53 • (LCSD) R4053580-2 04/03/24 09:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.108	0.106	86.4	84.8	60.0-136			1.87	20
Ethylbenzene	0.125	0.126	0.124	101	99.2	74.0-126			1.60	20
4-Ethyltoluene	0.125	0.105	0.102	84.0	81.6	71.0-129			2.90	20
Hexachloro-1,3-butadiene	0.125	0.108	0.107	86.4	85.6	57.0-150			0.930	20
n-Hexane	0.125	0.118	0.118	94.4	94.4	55.0-137			0.000	20
Isopropylbenzene	0.125	0.132	0.128	106	102	72.0-127			3.08	20
p-Isopropyltoluene	0.125	0.114	0.112	91.2	89.6	72.0-133			1.77	20
2-Butanone (MEK)	0.625	0.839	0.856	134	137	30.0-160			2.01	24
Methylene Chloride	0.125	0.104	0.103	83.2	82.4	68.0-123			0.966	20
4-Methyl-2-pentanone (MIBK)	0.625	0.655	0.670	105	107	56.0-143			2.26	20
Methyl tert-butyl ether	0.125	0.123	0.126	98.4	101	66.0-132			2.41	20
Methyl Cyclohexane	0.125	0.138	0.129	110	103	67.0-129			6.74	20
Naphthalene	0.125	0.0886	0.0907	70.9	72.6	59.0-130			2.34	20
Propene	0.125	0.0959	0.0755	76.7	60.4	30.0-160		R7	23.8	20
n-Propylbenzene	0.125	0.105	0.103	84.0	82.4	74.0-126			1.92	20
Styrene	0.125	0.113	0.108	90.4	86.4	72.0-127			4.52	20
1,1,1,2-Tetrachloroethane	0.125	0.124	0.117	99.2	93.6	74.0-129			5.81	20
1,1,2,2-Tetrachloroethane	0.125	0.125	0.121	100	96.8	68.0-128			3.25	20
1,1,2-Trichlorotrifluoroethane	0.125	0.112	0.105	89.6	84.0	61.0-139			6.45	20
Tetrachloroethene	0.125	0.145	0.138	116	110	70.0-136			4.95	20
Toluene	0.125	0.120	0.117	96.0	93.6	75.0-121			2.53	20
1,2,3-Trichlorobenzene	0.125	0.0886	0.0877	70.9	70.2	59.0-139			1.02	20
1,2,4-Trichlorobenzene	0.125	0.0937	0.0940	75.0	75.2	62.0-137			0.320	20
1,1,1-Trichloroethane	0.125	0.123	0.126	98.4	101	69.0-126			2.41	20
1,1,2-Trichloroethane	0.125	0.121	0.120	96.8	96.0	78.0-123			0.830	20
Trichloroethene	0.125	0.113	0.119	90.4	95.2	76.0-126			5.17	20
Trichlorofluoromethane	0.125	0.115	0.118	92.0	94.4	61.0-142			2.58	20
1,2,3-Trichloropropane	0.125	0.113	0.111	90.4	88.8	67.0-129			1.79	20
1,2,4-Trimethylbenzene	0.125	0.105	0.103	84.0	82.4	70.0-126			1.92	20
1,2,3-Trimethylbenzene	0.125	0.103	0.104	82.4	83.2	74.0-124			0.966	20
1,3,5-Trimethylbenzene	0.125	0.103	0.101	82.4	80.8	73.0-127			1.96	20
Vinyl chloride	0.125	0.139	0.127	111	102	63.0-134			9.02	20
Xylenes, Total	0.375	0.376	0.358	100	95.5	72.0-127			4.90	20
(S) Toluene-d8				*105*	*105*	*75.0-131*				
(S) 4-Bromofluorobenzene				*99.2*	*97.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*105*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4054341-3 04/03/24 10:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4054341-3 04/03/24 10:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*116*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4054341-1 04/03/24 08:49 • (LCSD) R4054341-2 04/03/24 09:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	22.4	25.3	89.6	101	19.0-160			12.2	27
Acrolein	25.0	11.7	11.9	46.8	47.6	30.0-160			1.69	26
Acrylonitrile	25.0	26.6	26.6	106	106	55.0-149			0.000	20
Benzene	5.00	5.08	4.87	102	97.4	70.0-123			4.22	20
Bromobenzene	5.00	5.24	5.22	105	104	73.0-121			0.382	20
Bromodichloromethane	5.00	5.16	5.13	103	103	75.0-120			0.583	20
Bromoform	5.00	4.80	5.43	96.0	109	68.0-132			12.3	20
Bromomethane	5.00	4.20	4.15	84.0	83.0	30.0-160			1.20	25
1,3-Butadiene	5.00	4.43	4.45	88.6	89.0	45.0-147			0.450	20
n-Butylbenzene	5.00	5.55	5.69	111	114	73.0-125			2.49	20
sec-Butylbenzene	5.00	5.39	5.25	108	105	75.0-125			2.63	20
tert-Butylbenzene	5.00	5.35	5.43	107	109	76.0-124			1.48	20
Carbon tetrachloride	5.00	5.77	5.67	115	113	68.0-126			1.75	20
Carbon disulfide	5.00	4.71	5.27	94.2	105	61.0-128			11.2	20
Chlorobenzene	5.00	4.85	4.89	97.0	97.8	80.0-121			0.821	20
Chlorodibromomethane	5.00	5.39	5.57	108	111	77.0-125			3.28	20
Chloroethane	5.00	4.65	4.45	93.0	89.0	47.0-150			4.40	20
Chloroform	5.00	4.71	4.94	94.2	98.8	73.0-120			4.77	20
Chloromethane	5.00	4.49	4.45	89.8	89.0	41.0-142			0.895	20
Cyclohexane	5.00	4.67	4.60	93.4	92.0	71.0-124			1.51	20
2-Chlorotoluene	5.00	5.18	5.29	104	106	76.0-123			2.10	20
4-Chlorotoluene	5.00	5.15	5.29	103	106	75.0-122			2.68	20
1,2-Dibromo-3-Chloropropane	5.00	5.32	4.87	106	97.4	58.0-134			8.83	20
1,2-Dibromoethane	5.00	5.89	5.61	118	112	80.0-122			4.87	20
Dibromomethane	5.00	5.30	5.23	106	105	80.0-120			1.33	20
1,2-Dichlorobenzene	5.00	5.24	5.21	105	104	79.0-121			0.574	20
1,3-Dichlorobenzene	5.00	5.35	5.40	107	108	79.0-120			0.930	20
1,4-Dichlorobenzene	5.00	5.03	5.13	101	103	79.0-120			1.97	20
Dichlorodifluoromethane	5.00	6.70	7.10	134	142	51.0-149			5.80	20
1,1-Dichloroethane	5.00	5.08	5.21	102	104	70.0-126			2.53	20
1,2-Dichloroethane	5.00	4.91	4.79	98.2	95.8	70.0-128			2.47	20
1,1-Dichloroethene	5.00	5.23	5.67	105	113	71.0-124			8.07	20
cis-1,2-Dichloroethene	5.00	4.96	5.07	99.2	101	73.0-120			2.19	20
trans-1,2-Dichloroethene	5.00	4.77	4.98	95.4	99.6	73.0-120			4.31	20
1,2-Dichloropropane	5.00	5.32	5.01	106	100	77.0-125			6.00	20
1,1-Dichloropropene	5.00	5.46	5.41	109	108	74.0-126			0.920	20
1,3-Dichloropropane	5.00	5.45	5.46	109	109	80.0-120			0.183	20
cis-1,3-Dichloropropene	5.00	5.50	5.41	110	108	80.0-123			1.65	20
trans-1,3-Dichloropropene	5.00	5.38	5.50	108	110	78.0-124			2.21	20
2,2-Dichloropropane	5.00	5.04	4.90	101	98.0	58.0-130			2.82	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4054341-1 04/03/24 08:49 • (LCSD) R4054341-2 04/03/24 09:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.39	5.48	108	110	74.0-126			1.66	20
Di-isopropyl ether	5.00	5.23	5.50	105	110	58.0-138			5.03	20
Ethylbenzene	5.00	5.06	5.20	101	104	79.0-123			2.73	20
4-Ethyltoluene	5.00	5.44	5.44	109	109	74.0-127			0.000	20
Hexachloro-1,3-butadiene	5.00	6.13	5.17	123	103	54.0-138			17.0	20
n-Hexane	5.00	4.68	5.27	93.6	105	57.0-133			11.9	20
Isopropylbenzene	5.00	5.06	5.58	101	112	76.0-127			9.77	20
p-Isopropyltoluene	5.00	5.45	5.47	109	109	76.0-125			0.366	20
2-Butanone (MEK)	25.0	27.2	27.3	109	109	44.0-160			0.367	20
Methyl Cyclohexane	5.00	5.58	5.23	112	105	68.0-126			6.48	20
Methylene Chloride	5.00	4.51	5.06	90.2	101	67.0-120			11.5	20
4-Methyl-2-pentanone (MIBK)	25.0	27.7	27.9	111	112	68.0-142			0.719	20
Methyl tert-butyl ether	5.00	5.31	5.39	106	108	68.0-125			1.50	20
Naphthalene	5.00	4.69	4.67	93.8	93.4	54.0-135			0.427	20
Propene	5.00	6.05	6.52	121	130	30.0-160			7.48	20
n-Propylbenzene	5.00	5.20	5.21	104	104	77.0-124			0.192	20
Styrene	5.00	4.78	5.33	95.6	107	73.0-130			10.9	20
1,1,1,2-Tetrachloroethane	5.00	5.05	5.30	101	106	75.0-125			4.83	20
1,1,2,2-Tetrachloroethane	5.00	4.75	4.79	95.0	95.8	65.0-130			0.839	20
1,1,2-Trichlorotrifluoroethane	5.00	4.77	5.12	95.4	102	69.0-132			7.08	20
Tetrachloroethene	5.00	5.51	5.39	110	108	72.0-132			2.20	20
Toluene	5.00	4.93	4.96	98.6	99.2	79.0-120			0.607	20
1,2,3-Trichlorobenzene	5.00	5.56	5.27	111	105	50.0-138			5.36	20
1,2,4-Trichlorobenzene	5.00	5.51	5.61	110	112	57.0-137			1.80	20
1,1,1-Trichloroethane	5.00	5.50	5.42	110	108	73.0-124			1.47	20
1,1,2-Trichloroethane	5.00	5.66	5.55	113	111	80.0-120			1.96	20
Trichloroethene	5.00	5.46	5.49	109	110	78.0-124			0.548	20
Trichlorofluoromethane	5.00	4.79	5.04	95.8	101	59.0-147			5.09	20
1,2,3-Trichloropropane	5.00	4.99	5.10	99.8	102	73.0-130			2.18	20
1,2,4-Trimethylbenzene	5.00	5.41	5.38	108	108	76.0-121			0.556	20
1,2,3-Trimethylbenzene	5.00	5.04	5.11	101	102	77.0-120			1.38	20
1,3,5-Trimethylbenzene	5.00	5.24	5.23	105	105	76.0-122			0.191	20
Vinyl chloride	5.00	4.88	4.70	97.6	94.0	67.0-131			3.76	20
Xylenes, Total	15.0	14.5	15.5	96.7	103	79.0-123			6.67	20
(S) Toluene-d8				*102*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*93.3*	*104*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.9*	*95.8*	*70.0-130*				

Method Blank (MB)

(MB) R4053633-2 04/03/24 22:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*101*			*23.0-120*
(S) Nitrobenzene-d5	*103*			*14.0-149*
(S) 2-Fluorobiphenyl	*102*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4053633-1 04/03/24 22:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0730	91.3	50.0-126	
Acenaphthene	0.0800	0.0720	90.0	50.0-120	
Acenaphthylene	0.0800	0.0732	91.5	50.0-120	
Benzo(a)anthracene	0.0800	0.0779	97.4	45.0-120	
Benzo(a)pyrene	0.0800	0.0667	83.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0670	83.8	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0632	79.0	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0635	79.4	49.0-125	
Chrysene	0.0800	0.0773	96.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0694	86.8	47.0-125	
Fluoranthene	0.0800	0.0770	96.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4053633-1 04/03/24 22:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0795	99.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0747	93.4	46.0-125	
Naphthalene	0.0800	0.0665	83.1	50.0-120	
Phenanthrene	0.0800	0.0741	92.6	47.0-120	
Pyrene	0.0800	0.0723	90.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0704	88.0	51.0-121	
2-Methylnaphthalene	0.0800	0.0727	90.9	50.0-120	
2-Chloronaphthalene	0.0800	0.0758	94.8	50.0-120	
(S) p-Terphenyl-d14			*97.2*	*23.0-120*	
(S) Nitrobenzene-d5			*103*	*14.0-149*	
(S) 2-Fluorobiphenyl			*101*	*34.0-125*	

L1719938-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1719938-03 04/04/24 01:35 • (MS) R4053633-3 04/04/24 01:54 • (MSD) R4053633-4 04/04/24 02:14

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0788	U	0.0641	0.0702	81.3	89.5	1	10.0-145			9.08	30
Acenaphthene	0.0788	U	0.0604	0.0656	76.6	83.7	1	14.0-127			8.25	27
Acenaphthylene	0.0788	U	0.0631	0.0688	80.1	87.8	1	21.0-124			8.64	25
Benzo(a)anthracene	0.0788	U	0.0742	0.0783	94.2	99.9	1	10.0-139			5.38	30
Benzo(a)pyrene	0.0788	U	0.0614	0.0635	77.9	81.0	1	10.0-141			3.36	31
Benzo(b)fluoranthene	0.0788	U	0.0530	0.0531	67.3	67.7	1	10.0-140			0.189	36
Benzo(g,h,i)perylene	0.0788	U	0.0510	0.0495	64.7	63.1	1	10.0-140			2.99	33
Benzo(k)fluoranthene	0.0788	U	0.0521	0.0530	66.1	67.6	1	10.0-137			1.71	31
Chrysene	0.0788	U	0.0713	0.0724	90.5	92.3	1	10.0-145			1.53	30
Dibenz(a,h)anthracene	0.0788	U	0.0599	0.0594	76.0	75.8	1	10.0-132			0.838	31
Fluoranthene	0.0788	0.00245	0.0686	0.0745	83.9	91.9	1	10.0-153			8.25	33
Fluorene	0.0788	U	0.0668	0.0724	84.8	92.3	1	11.0-130			8.05	29
Indeno(1,2,3-cd)pyrene	0.0788	U	0.0656	0.0655	83.2	83.5	1	10.0-137			0.153	32
Naphthalene	0.0788	U	0.0550	0.0585	69.8	74.6	1	10.0-135			6.17	27
Phenanthrene	0.0788	0.00241	0.0633	0.0692	77.3	85.2	1	10.0-144			8.91	31
Pyrene	0.0788	0.00226	0.0609	0.0651	74.4	80.2	1	10.0-148			6.67	35
1-Methylnaphthalene	0.0788	U	0.0589	0.0641	74.2	81.2	1	10.0-142			8.46	28
2-Methylnaphthalene	0.0788	U	0.0617	0.0659	77.4	83.2	1	10.0-137			6.58	28
2-Chloronaphthalene	0.0788	U	0.0628	0.0668	79.7	85.2	1	29.0-120			6.17	24
(S) p-Terphenyl-d14					*89.3*	*95.3*		*23.0-120*				
(S) Nitrobenzene-d5					*106*	*110*		*14.0-149*				
(S) 2-Fluorobiphenyl					*96.0*	*99.8*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS53 • File ID: 0402a_28

04/02/24 22:05

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0402a_28	694029.70	297140.60	249522
Upper Limit		1388059	594281	499044
Lower Limit		347015	148570	124761
LCS R4053383-1 WG2259144 1x	0402a_28LCS	694029.70	297140.60	249522
LCSD R4053383-2 WG2259144 1x	0402a_29	751154.10	322978.50	257919.80
BLANK R4053383-3 WG2259144 1x	0402a_33	797671.20	325288.20	262891
L1720001-01 WG2259144 1x	0402A_34	1078592	468650.30	436420.30
L1720001-02 WG2259144 1x	0402A_35	850276.70	354277.90	289873.40
L1720001-03 WG2259144 1x	0402A_36	879307.30	349405.80	293764.90
L1720001-04 WG2259144 1x	0402A_37	862083.60	354640.90	325028.90
L1720001-05 WG2259144 1x	0402A_38	887336.30	355329.60	305796.40
L1720001-06 WG2259144 1x	0402A_39	871530.60	355341.70	292816.30
L1720001-07 WG2259144 1.11x	0402A_40	868443.20	344431.90	299602.40
L1720001-08 WG2259144 1x	0402A_41	879189.70	347651.50	317410.90
L1720001-09 WG2259144 1x	0402A_42	883327.60	349402.70	290470.60
L1720001-10 WG2259144 1x	0402A_43	896898.20	365913.10	323691.30
L1720001-11 WG2259144 1x	0402A_44	857963.40	353897.90	317723
L1720001-12 WG2259144 1x	0402A_45	859910.50	349840.20	291591.50
L1720001-13 WG2259144 1x	0402A_46	894121.20	370199.20	296954.80
L1720001-14 WG2259144 1x	0402A_47	886338.70	359675.30	307774.80
L1720001-15 WG2259144 1x	0402A_48	879922.60	371267	325583.20
L1720001-16 WG2259144 1x	0402A_49	871352.20	356467.60	305704.70
L1720001-17 WG2259144 1x	0402A_50	898914	365091.50	325188.80
L1720001-18 WG2259144 1x	0402A_51	861454.20	347236.90	296334.90
L1720001-19 WG2259144 1x	0402A_52	871843.40	357126.80	297081.50
L1720001-20 WG2259144 1x	0402A_53	843208.30	343321.80	307352.90

Instrument: VOCMS53 • File ID: 0403_03

04/03/24 08:53

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0403_03	801828.50	344121.30	326099.80
Upper Limit		1603657	688243	652200
Lower Limit		400914	172061	163050
LCS R4053580-1 WG2259357 1x	0403_03LCSA	801828.50	344121.30	326099.80

INTERNAL STANDARD SUMMARY

Instrument: VOCMS53 • File ID: 0403_03

04/03/24 08:53

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
LCSD R4053580-2 WG2259357 1x	0403_04A	799857.60	352759.30	331144.10
BLANK R4053580-3 WG2259357 1x	0403_08A	854877.30	354401.70	303273.60
L1720001-21 WG2259357 1x	0403_15	866255.50	356990.90	311954.60
L1720001-22 WG2259357 1x	0403_16	862032.50	344671	269976.70
L1720001-23 WG2259357 1x	0403_17	855652.60	342681.30	299051.60
L1720001-24 WG2259357 1x	0403_18	851394	348672	319519
L1720001-25 WG2259357 1x	0403_19	847751.90	339603.30	299244.10
L1720001-26 WG2259357 1x	0403_20	844828.20	346383.80	321140.80
L1720001-27 WG2259357 1x	0403_21	867681.80	344986.30	309279.50
L1720001-28 WG2259357 1x	0403_22	837893.80	342621.60	306440
L1720001-29 WG2259357 1x	0403_23	874144.20	350709.60	299116.70
L1720001-30 WG2259357 1x	0403_24	862214.70	361543.50	303839
L1720001-31 WG2259357 1x	0403_25	853712.50	342372.20	305414.80
L1720001-32 WG2259357 1x	0403_26	838236.30	357996.50	307508.90
L1720001-33 WG2259357 1x	0403_27	848524.10	346570.20	311224.70
L1720001-34 WG2259357 1x	0403_28	883481.30	365720.20	316510

Instrument: VOCMS56 • File ID: 0403_29

04/03/24 18:16

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0403_29	1116804	474735.40	360284.90
Upper Limit		2233608	949471	720570
Lower Limit		558402	237368	180142
LCS R4053643-1 WG2260303 1x	0403_29LCSB	1116804	474735.40	360284.90
LCSD R4053643-2 WG2260303 1x	0403_30B	1069641	456341.70	347095.60
BLANK R4053643-3 WG2260303 1x	0403_33B	1062127	429335	342951.20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS56 • File ID: 0403_02

04/03/24 08:49

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0403_02	1317941	557879.70	392682.20
Upper Limit		2635882	1115759	785364
Lower Limit		658971	278940	196341
LCS R4054341-1 WG2259532 1x	0403_02LCS	1317941	557879.70	392682.20
LCSD R4054341-2 WG2259532 1x	0403_03	1401071	585110.60	449270.90
BLANK R4054341-3 WG2259532 1x	0403_06	1258089	465593	335268.80
L1720001-36 WG2259532 1x	0403_08	1190477	534741.90	430057.60

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Instrument: BNAMS22 • File ID: 0403A_03

04/03/24 21:59

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0403A_03	60930	30353	56289	46754	37150
Upper Limit		121860	60706	112578	93508	74300
Lower Limit		30465	15177	28145	23377	18575
LCS R4053633-1 WG2259402 1x	0403A_04	53746	27054	50049	41240	32401
BLANK R4053633-2 WG2259402 1x	0403A_05	54388	27293	50861	40839	31709
MS R4053633-3 WG2259402 1x	0403A_15	54589	28493	53074	47649	45347
MSD R4053633-4 WG2259402 1x	0403A_16	53493	27957	52134	46833	44971
L1720001-02 WG2259402 1x	0403A_24	53626	27008	49942	41062	32829
L1720001-35 WG2259402 1x	0403A_25	53159	26989	49209	40075	32013

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
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Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: Shanda Wagner

Email To:

Project Description: circle K store 2705326

City/State Collected: Chino Valley, Arizona

Phone: (480) 258-1778
Fax:

Client Project # CK2705326

Lab Project # 2705326

Collected by (print): Tony Baca

Site/Facility ID # circle K store 2705326

P.O. # 2705326-SC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 4

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1719
C172
T: L1720001

Acctnum: ENCORETAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270 sim (Hold)	PAH 8270c SIM	Remarks	Sample # (lab only)
SB-9-5	G	SS	5	3/25/24	1055	2	X	X			-01
SB-9-10	G	SS	10		1101	2	X	X	/		-02
SB-9-15	G	SS	15		1108	2	X	X			-03
SB-9-20	G	SS	20		1118	2	X	X			-04
SB-9-25	G	SS	25		1125	2	X	X			-05
SB-9-30	G	SS	30		1136	2	X	X			-06
SB-9-35	G	SS	35		1505	2	X	X			-07
SB-9-40	G	SS	40		1517	2	X	X			-08
SB-9-45	G	SS	45		1526	2	X	X			-09
SB-9-50	G	SS	50		1536	2	X	X			-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: only analyze SB-9-10 PAH

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # SWA

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	3/27/24	1435		1
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: MSA6 °C Bottles Received:
	0930	3/28/24 3/29/24		0.3+0.1=0.4 40
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
	3-28-24	1800		3/29/24 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PW PAZ

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Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: Shanda Wagner

Email To:

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, Arizona

Phone: 480-258-1778
Fax:

Client Project # CK2705326

Lab Project # 2705326

Collected by (print): Tony Baca

Site/Facility ID # Circle K Store 2705326

P.O. # 2705326-SC

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00607122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260 B	PAH 8270 SIM (Hold)								Remarks	Sample # (lab only)
SB-9-55	G	SS	55	3/25/24	1550	2	X	X									-11
SB-9-60	G	SS	60	"	1558	2	X	X									-12
SB-9-65	G	SS	65	"	1611	2	X	X									-13
SB-9-70	G	SS	70	3/26/24	0744	2	X	X									-14
SB-9-75	G	SS	75	"	0756	2	X	X									-15
SB-9-80	G	SS	80	"	0807	2	X	X									-16
SB-9-85	G	SS	85	"	0821	2	X	X									-17
SB-9-90	G	SS	90	"	0835	2	X	X									-18
SB-9-95	G	SS	95	"	0908	2	X	X									-19
SB-9-100	G	SS	100	"	0927	2	X	X									-20

Chain of Custody Page 2 of 4

Pace Analytical®
National Center for Testing & Innovation

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1720001

Table #

Acctnum: ENCORETAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # SWA

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	3/27/24	1435		1	
Relinquished by : (Signature)	Date: 3/28/24 3/27/24	Time: 0930	Received by: (Signature)	Temp: MSA6 °C Bottles Received: 0.3+0.1=0.4 40	
Relinquished by : (Signature)	Date: 3-28-24	Time: 1800	Received for lab by: (Signature)	Date: 3/29/24 Time: 0800	Hold: Condition: NCF / OK

AJPAZ

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950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: Shanda Wagner

Email To:

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, Arizona

Phone: 480-258-1778
Fax:

Client Project # CK2705326

Lab Project # 2705326

Collected by (print): Tony Baca

Site/Facility ID # Circle K Store 2705326

P.O. # 2705326-SC

Collected by (signature): Tony Baca

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 3 of 4

Pace Analytical®
National Center for Testing & Innovation

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1720001

Table #

Acctnum: ENCORETAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270 SIM (Hold)	Remarks	Sample # (lab only)
SB-9-105	G	SS	105	3/26/24	0946	2	X	X		-21
SB-9-110	G	SS	110		1014	2	X	X		-22
SB-9-115	G	SS	115		1107	2	X	X		-23
SB-9-120	G	SS	120		1132	2	X	X		-24
SB-9-125	G	SS	125		1208	2	X	X		-25
SB-9-130	G	SS	130		1438	2	X	X		-26
SB-9-135	G	SS	135	3/27/24	0840	2	X	X		-27
SB-9-140	G	SS	140		0901	2	X	X		-28
SB-9-145	G	SS	145		0922	2	X	X		-29
SB-9-150	G	SS	150		0944	2	X	X		-30

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__UPS __FedEx __Courier __ _____

Tracking # SCA

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
Tony Baca	3/27/24	1435		1	
Relinquished by: (Signature)	Date: 3/28/24 3/29/24	Time: 0930	Received by: (Signature)	Temp: MSA6 °C Bottles Received: 0.3+0.1=0.4 MO	
Relinquished by: (Signature)	Date: 3-28-24	Time: 1800	Received for lab by: (Signature) CModen	Date: 3/29/24 Time: 0800	Hold: Condition: NCF / OK

ANIPAZ

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Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: Shanda Wagner

Email To:

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, Arizona

Phone: 480-258-1778
Fax:

Client Project # CK2705326

Lab Project # 2705326

Collected by (print): Tony Baca

Site/Facility ID # Circle K Store 2705326

P.O. # 2705326-SC

Collected by (signature): Tony Baca

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 60107122

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270 SIM (Hold)	PAH 8270c SIM								Remarks	Sample # (lab only)
SB-9-155	G	SS	155	3/27/24	1005	2	X	X										-31
SB-9-160	G	SS	160		1041	2	X	X										-32
SB-9-165	G	SS	165		1158	2	X	X										-33
SB-9-170	G	SS	170		1229	2	X	X										-34
SB-9-175	G	SS	175		1352	2	X	X	X									-35
Trip Blank	-	-	-	-	-	1	X	X										-36

CSS 3/27/24

Analysis / Container / Preservative

Chain of Custody Page 4 of 4

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# LIR20001

Table #

Acctnum: ENCORETAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Analyze SB-9-175 for PAHs only.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # SWA

Sample Receipt Checklist

COC Seal Present/Intact:	__NP __Y __N
COC Signed/Accurate:	__Y __N
Bottles arrive intact:	__Y __N
Correct bottles used:	__Y __N
Sufficient volume sent:	__Y __N
If Applicable	
VOA Zero Headspace:	__Y __N
Preservation Correct/Checked:	__Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Tony Baca	3/27/24	1435	
	3/28/24	0930	
	3-28-24	1800	

Received for lab by: (Signature) C Rosen

Trip Blank Received: Yes / No
HCL / MeoH
TBR
1

Temp: MS46 °C Bottles Received:
0.3 to 0.1 ±0.4 70

Date: 3/29/24 Time: 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

AJTAZ

ANALYTICAL REPORT

April 22, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1725304
Samples Received:	04/12/2024
Project Number:	2705326
Description:	Cricle K Store 2705326
Site:	CIRCLE K STORE 2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

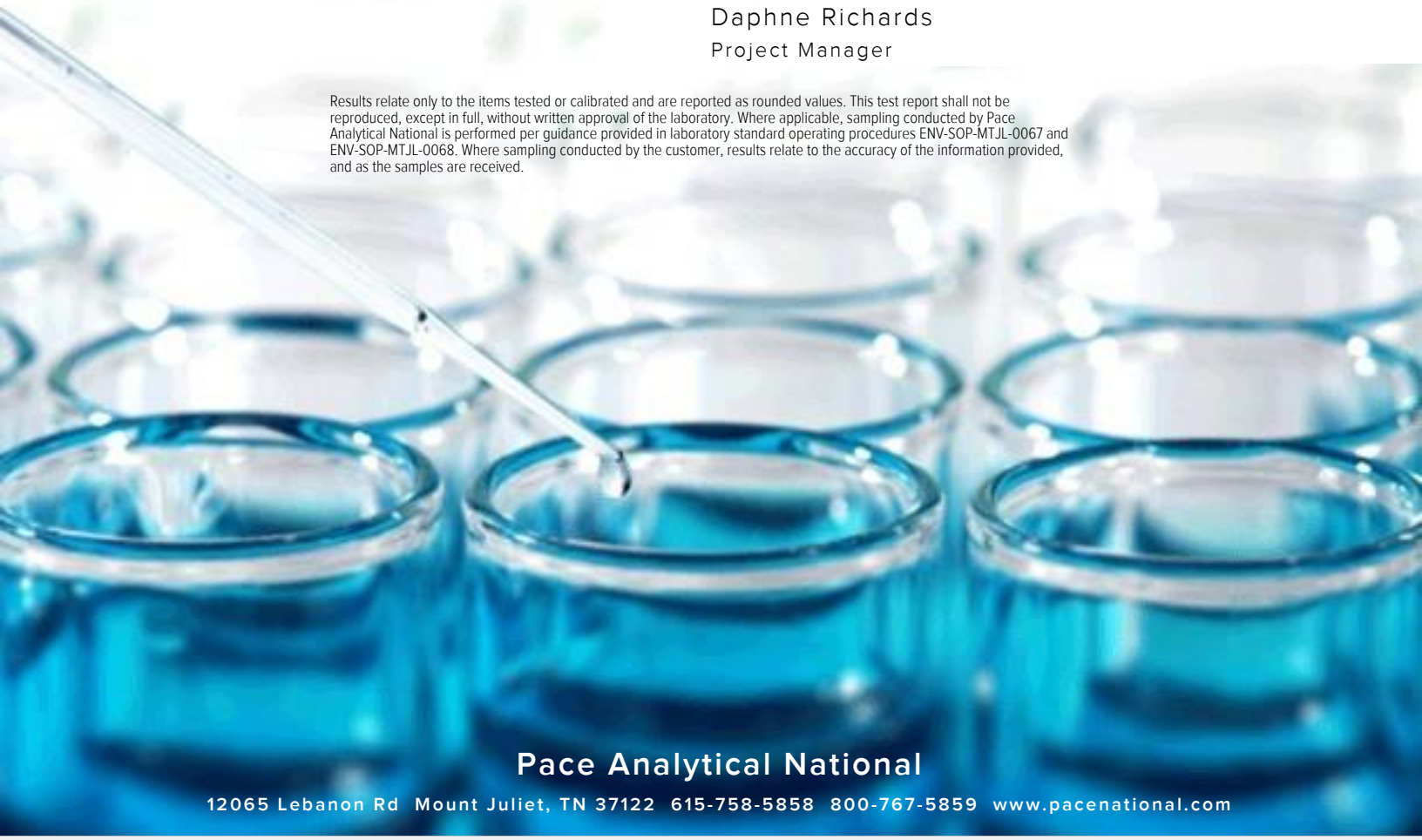


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SB-11-165 L1725304-01 Solid

Collected by: Parker Schroeder | Collected date/time: 04/05/24 11:38 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.42	04/05/24 11:38	04/15/24 00:58	JBE	Mt. Juliet, TN

SB-11-170 L1725304-02 Solid

Collected by: Parker Schroeder | Collected date/time: 04/05/24 11:51 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.37	04/05/24 11:51	04/15/24 01:17	JBE	Mt. Juliet, TN

SB-11-175 L1725304-03 Solid

Collected by: Parker Schroeder | Collected date/time: 04/05/24 12:36 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.08	04/05/24 12:36	04/15/24 01:36	JBE	Mt. Juliet, TN

SB-11-180 L1725304-04 Solid

Collected by: Parker Schroeder | Collected date/time: 04/05/24 13:17 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.15	04/05/24 13:17	04/15/24 01:56	JBE	Mt. Juliet, TN

SB-11-185 L1725304-05 Solid

Collected by: Parker Schroeder | Collected date/time: 04/05/24 13:44 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.08	04/05/24 13:44	04/15/24 02:14	JBE	Mt. Juliet, TN

SB-11-190 L1725304-06 Solid

Collected by: Parker Schroeder | Collected date/time: 04/05/24 14:37 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1	04/05/24 14:37	04/15/24 02:33	JBE	Mt. Juliet, TN

SB-11-195 L1725304-07 Solid

Collected by: Parker Schroeder | Collected date/time: 04/08/24 13:16 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1	04/08/24 13:16	04/15/24 02:52	JBE	Mt. Juliet, TN

SB-11-200 L1725304-08 Solid

Collected by: Parker Schroeder | Collected date/time: 04/08/24 13:21 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.01	04/08/24 13:21	04/15/24 03:11	JBE	Mt. Juliet, TN

SB-11-210 L1725304-09 Solid

Collected by: Parker Schroeder
Collected date/time: 04/08/24 14:36
Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.21	04/08/24 14:36	04/15/24 03:31	JBE	Mt. Juliet, TN

SB-11-215 L1725304-10 Solid

Collected by: Parker Schroeder
Collected date/time: 04/08/24 15:52
Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2267034	1.09	04/08/24 15:52	04/15/24 03:50	JBE	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2269759	1	04/18/24 15:54	04/19/24 12:29	NJK	Mt. Juliet, TN

TRIP BLANK L1725304-11 GW

Collected by: Parker Schroeder
Collected date/time: 04/11/24 00:00
Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2266861	1	04/14/24 14:21	04/14/24 14:21	DYW	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1725304-01	SB-11-165	8260B
L1725304-02	SB-11-170	8260B
L1725304-03	SB-11-175	8260B
L1725304-04	SB-11-180	8260B
L1725304-05	SB-11-185	8260B
L1725304-06	SB-11-190	8260B
L1725304-07	SB-11-195	8260B
L1725304-08	SB-11-200	8260B
L1725304-09	SB-11-210	8260B
L1725304-10	SB-11-215	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.30	1.78	1.42	04/15/2024 00:58	WG2267034
Acrylonitrile	U		0.128	0.444	1.42	04/15/2024 00:58	WG2267034
Benzene	U		0.0166	0.0355	1.42	04/15/2024 00:58	WG2267034
Bromobenzene	U		0.0320	0.444	1.42	04/15/2024 00:58	WG2267034
Bromodichloromethane	U	L1	0.0257	0.0888	1.42	04/15/2024 00:58	WG2267034
Bromoform	U		0.0415	0.888	1.42	04/15/2024 00:58	WG2267034
Bromomethane	U		0.0699	0.444	1.42	04/15/2024 00:58	WG2267034
1,3-Butadiene	U		0.182	0.888	1.42	04/15/2024 00:58	WG2267034
n-Butylbenzene	U		0.186	0.444	1.42	04/15/2024 00:58	WG2267034
sec-Butylbenzene	U		0.102	0.444	1.42	04/15/2024 00:58	WG2267034
tert-Butylbenzene	U		0.0692	0.178	1.42	04/15/2024 00:58	WG2267034
Carbon disulfide	U		0.0249	0.444	1.42	04/15/2024 00:58	WG2267034
Carbon tetrachloride	U	L1	0.0319	0.178	1.42	04/15/2024 00:58	WG2267034
Chlorobenzene	U		0.00746	0.0888	1.42	04/15/2024 00:58	WG2267034
Chlorodibromomethane	U	L1	0.0217	0.0888	1.42	04/15/2024 00:58	WG2267034
Chloroethane	U	R7	0.0604	0.178	1.42	04/15/2024 00:58	WG2267034
Chloroform	U		0.0366	0.0888	1.42	04/15/2024 00:58	WG2267034
Chloromethane	U		0.154	0.444	1.42	04/15/2024 00:58	WG2267034
2-Chlorotoluene	U		0.0307	0.0888	1.42	04/15/2024 00:58	WG2267034
4-Chlorotoluene	U		0.0160	0.178	1.42	04/15/2024 00:58	WG2267034
Cyclohexane	U		0.0394	0.0888	1.42	04/15/2024 00:58	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.138	0.888	1.42	04/15/2024 00:58	WG2267034
1,2-Dibromoethane	U		0.0230	0.0888	1.42	04/15/2024 00:58	WG2267034
Dibromomethane	U		0.0266	0.178	1.42	04/15/2024 00:58	WG2267034
1,2-Dichlorobenzene	U		0.0151	0.178	1.42	04/15/2024 00:58	WG2267034
1,3-Dichlorobenzene	U		0.0213	0.178	1.42	04/15/2024 00:58	WG2267034
1,4-Dichlorobenzene	U		0.0249	0.178	1.42	04/15/2024 00:58	WG2267034
Dichlorodifluoromethane	U		0.0572	0.0888	1.42	04/15/2024 00:58	WG2267034
1,1-Dichloroethane	U		0.0174	0.0888	1.42	04/15/2024 00:58	WG2267034
1,2-Dichloroethane	U		0.0230	0.0888	1.42	04/15/2024 00:58	WG2267034
1,1-Dichloroethene	U		0.0215	0.0888	1.42	04/15/2024 00:58	WG2267034
cis-1,2-Dichloroethene	U		0.0261	0.0888	1.42	04/15/2024 00:58	WG2267034
trans-1,2-Dichloroethene	U		0.0369	0.178	1.42	04/15/2024 00:58	WG2267034
1,2-Dichloropropane	U		0.0504	0.178	1.42	04/15/2024 00:58	WG2267034
1,1-Dichloropropene	U		0.0287	0.0888	1.42	04/15/2024 00:58	WG2267034
1,3-Dichloropropane	U		0.0178	0.178	1.42	04/15/2024 00:58	WG2267034
cis-1,3-Dichloropropene	U		0.0269	0.0888	1.42	04/15/2024 00:58	WG2267034
trans-1,3-Dichloropropene	U		0.0405	0.178	1.42	04/15/2024 00:58	WG2267034
2,2-Dichloropropane	U	L1	0.0490	0.0888	1.42	04/15/2024 00:58	WG2267034
Dicyclopentadiene	U		0.0586	0.444	1.42	04/15/2024 00:58	WG2267034
Di-isopropyl ether	U		0.0146	0.0355	1.42	04/15/2024 00:58	WG2267034
Ethylbenzene	U		0.0262	0.0888	1.42	04/15/2024 00:58	WG2267034
4-Ethyltoluene	U		0.0824	0.178	1.42	04/15/2024 00:58	WG2267034
Hexachloro-1,3-butadiene	U		0.213	0.888	1.42	04/15/2024 00:58	WG2267034
n-Hexane	U		0.0802	0.178	1.42	04/15/2024 00:58	WG2267034
Isopropylbenzene	U		0.0151	0.0888	1.42	04/15/2024 00:58	WG2267034
p-Isopropyltoluene	U		0.0905	0.178	1.42	04/15/2024 00:58	WG2267034
2-Butanone (MEK)	U		2.25	3.55	1.42	04/15/2024 00:58	WG2267034
Methylene Chloride	U		0.236	0.888	1.42	04/15/2024 00:58	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0809	0.888	1.42	04/15/2024 00:58	WG2267034
Methyl tert-butyl ether	U		0.0124	0.0355	1.42	04/15/2024 00:58	WG2267034
Methyl Cyclohexane	U		0.0731	0.178	1.42	04/15/2024 00:58	WG2267034
Naphthalene	U		0.173	0.444	1.42	04/15/2024 00:58	WG2267034
Propene	U		0.217	1.78	1.42	04/15/2024 00:58	WG2267034
n-Propylbenzene	U		0.0337	0.178	1.42	04/15/2024 00:58	WG2267034
Styrene	U	L1	0.00813	0.444	1.42	04/15/2024 00:58	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0337	0.0888	1.42	04/15/2024 00:58	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0247	0.0888	1.42	04/15/2024 00:58	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0268	0.0888	1.42	04/15/2024 00:58	WG2267034
Tetrachloroethene	U		0.0318	0.0888	1.42	04/15/2024 00:58	WG2267034
Toluene	U		0.0461	0.178	1.42	04/15/2024 00:58	WG2267034
1,2,3-Trichlorobenzene	U		0.260	0.444	1.42	04/15/2024 00:58	WG2267034
1,2,4-Trichlorobenzene	U		0.156	0.444	1.42	04/15/2024 00:58	WG2267034
1,1,1-Trichloroethane	U		0.0328	0.0888	1.42	04/15/2024 00:58	WG2267034
1,1,2-Trichloroethane	U	R7	0.0212	0.0888	1.42	04/15/2024 00:58	WG2267034
Trichloroethene	U		0.0207	0.0355	1.42	04/15/2024 00:58	WG2267034
Trichlorofluoromethane	U		0.0294	0.0888	1.42	04/15/2024 00:58	WG2267034
1,2,3-Trichloropropane	U		0.0575	0.444	1.42	04/15/2024 00:58	WG2267034
1,2,4-Trimethylbenzene	U		0.0561	0.178	1.42	04/15/2024 00:58	WG2267034
1,2,3-Trimethylbenzene	U		0.0561	0.178	1.42	04/15/2024 00:58	WG2267034
1,3,5-Trimethylbenzene	U		0.0710	0.178	1.42	04/15/2024 00:58	WG2267034
Vinyl chloride	U		0.0412	0.0888	1.42	04/15/2024 00:58	WG2267034
Xylenes, Total	U		0.0312	0.231	1.42	04/15/2024 00:58	WG2267034
(S) Toluene-d8	*99.4*			*75.0-131*		*04/15/2024 00:58*	WG2267034
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*04/15/2024 00:58*	WG2267034
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/15/2024 00:58*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.25	1.71	1.37	04/15/2024 01:17	WG2267034
Acrylonitrile	U		0.124	0.428	1.37	04/15/2024 01:17	WG2267034
Benzene	U		0.0160	0.0343	1.37	04/15/2024 01:17	WG2267034
Bromobenzene	U		0.0308	0.428	1.37	04/15/2024 01:17	WG2267034
Bromodichloromethane	U	L1	0.0248	0.0856	1.37	04/15/2024 01:17	WG2267034
Bromoform	U		0.0401	0.856	1.37	04/15/2024 01:17	WG2267034
Bromomethane	U		0.0675	0.428	1.37	04/15/2024 01:17	WG2267034
1,3-Butadiene	U		0.176	0.856	1.37	04/15/2024 01:17	WG2267034
n-Butylbenzene	U		0.180	0.428	1.37	04/15/2024 01:17	WG2267034
sec-Butylbenzene	U		0.0986	0.428	1.37	04/15/2024 01:17	WG2267034
tert-Butylbenzene	U		0.0668	0.171	1.37	04/15/2024 01:17	WG2267034
Carbon disulfide	U		0.0240	0.428	1.37	04/15/2024 01:17	WG2267034
Carbon tetrachloride	U	L1	0.0308	0.171	1.37	04/15/2024 01:17	WG2267034
Chlorobenzene	U		0.00719	0.0856	1.37	04/15/2024 01:17	WG2267034
Chlorodibromomethane	U	L1	0.0210	0.0856	1.37	04/15/2024 01:17	WG2267034
Chloroethane	U	R7	0.0582	0.171	1.37	04/15/2024 01:17	WG2267034
Chloroform	U		0.0353	0.0856	1.37	04/15/2024 01:17	WG2267034
Chloromethane	U		0.149	0.428	1.37	04/15/2024 01:17	WG2267034
2-Chlorotoluene	U		0.0296	0.0856	1.37	04/15/2024 01:17	WG2267034
4-Chlorotoluene	U		0.0154	0.171	1.37	04/15/2024 01:17	WG2267034
Cyclohexane	U		0.0380	0.0856	1.37	04/15/2024 01:17	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.134	0.856	1.37	04/15/2024 01:17	WG2267034
1,2-Dibromoethane	U		0.0222	0.0856	1.37	04/15/2024 01:17	WG2267034
Dibromomethane	U		0.0257	0.171	1.37	04/15/2024 01:17	WG2267034
1,2-Dichlorobenzene	U		0.0146	0.171	1.37	04/15/2024 01:17	WG2267034
1,3-Dichlorobenzene	U		0.0206	0.171	1.37	04/15/2024 01:17	WG2267034
1,4-Dichlorobenzene	U		0.0240	0.171	1.37	04/15/2024 01:17	WG2267034
Dichlorodifluoromethane	U		0.0551	0.0856	1.37	04/15/2024 01:17	WG2267034
1,1-Dichloroethane	U		0.0168	0.0856	1.37	04/15/2024 01:17	WG2267034
1,2-Dichloroethane	U		0.0222	0.0856	1.37	04/15/2024 01:17	WG2267034
1,1-Dichloroethene	U		0.0208	0.0856	1.37	04/15/2024 01:17	WG2267034
cis-1,2-Dichloroethene	U		0.0251	0.0856	1.37	04/15/2024 01:17	WG2267034
trans-1,2-Dichloroethene	U		0.0356	0.171	1.37	04/15/2024 01:17	WG2267034
1,2-Dichloropropane	U		0.0486	0.171	1.37	04/15/2024 01:17	WG2267034
1,1-Dichloropropene	U		0.0277	0.0856	1.37	04/15/2024 01:17	WG2267034
1,3-Dichloropropane	U		0.0172	0.171	1.37	04/15/2024 01:17	WG2267034
cis-1,3-Dichloropropene	U		0.0259	0.0856	1.37	04/15/2024 01:17	WG2267034
trans-1,3-Dichloropropene	U		0.0390	0.171	1.37	04/15/2024 01:17	WG2267034
2,2-Dichloropropane	U	L1	0.0473	0.0856	1.37	04/15/2024 01:17	WG2267034
Dicyclopentadiene	U		0.0565	0.428	1.37	04/15/2024 01:17	WG2267034
Di-isopropyl ether	U		0.0140	0.0343	1.37	04/15/2024 01:17	WG2267034
Ethylbenzene	U		0.0252	0.0856	1.37	04/15/2024 01:17	WG2267034
4-Ethyltoluene	U		0.0795	0.171	1.37	04/15/2024 01:17	WG2267034
Hexachloro-1,3-butadiene	U		0.206	0.856	1.37	04/15/2024 01:17	WG2267034
n-Hexane	U		0.0774	0.171	1.37	04/15/2024 01:17	WG2267034
Isopropylbenzene	U		0.0146	0.0856	1.37	04/15/2024 01:17	WG2267034
p-Isopropyltoluene	U		0.0873	0.171	1.37	04/15/2024 01:17	WG2267034
2-Butanone (MEK)	U		2.17	3.43	1.37	04/15/2024 01:17	WG2267034
Methylene Chloride	U		0.227	0.856	1.37	04/15/2024 01:17	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0781	0.856	1.37	04/15/2024 01:17	WG2267034
Methyl tert-butyl ether	U		0.0120	0.0343	1.37	04/15/2024 01:17	WG2267034
Methyl Cyclohexane	U		0.0706	0.171	1.37	04/15/2024 01:17	WG2267034
Naphthalene	U		0.167	0.428	1.37	04/15/2024 01:17	WG2267034
Propene	U		0.210	1.71	1.37	04/15/2024 01:17	WG2267034
n-Propylbenzene	U		0.0325	0.171	1.37	04/15/2024 01:17	WG2267034
Styrene	U	L1	0.00784	0.428	1.37	04/15/2024 01:17	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0325	0.0856	1.37	04/15/2024 01:17	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0238	0.0856	1.37	04/15/2024 01:17	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0258	0.0856	1.37	04/15/2024 01:17	WG2267034
Tetrachloroethene	U		0.0307	0.0856	1.37	04/15/2024 01:17	WG2267034
Toluene	U		0.0445	0.171	1.37	04/15/2024 01:17	WG2267034
1,2,3-Trichlorobenzene	U		0.251	0.428	1.37	04/15/2024 01:17	WG2267034
1,2,4-Trichlorobenzene	U		0.151	0.428	1.37	04/15/2024 01:17	WG2267034
1,1,1-Trichloroethane	U		0.0316	0.0856	1.37	04/15/2024 01:17	WG2267034
1,1,2-Trichloroethane	U	R7	0.0204	0.0856	1.37	04/15/2024 01:17	WG2267034
Trichloroethene	U		0.0200	0.0343	1.37	04/15/2024 01:17	WG2267034
Trichlorofluoromethane	U		0.0283	0.0856	1.37	04/15/2024 01:17	WG2267034
1,2,3-Trichloropropane	U		0.0555	0.428	1.37	04/15/2024 01:17	WG2267034
1,2,4-Trimethylbenzene	U		0.0541	0.171	1.37	04/15/2024 01:17	WG2267034
1,2,3-Trimethylbenzene	U		0.0541	0.171	1.37	04/15/2024 01:17	WG2267034
1,3,5-Trimethylbenzene	U		0.0685	0.171	1.37	04/15/2024 01:17	WG2267034
Vinyl chloride	U		0.0397	0.0856	1.37	04/15/2024 01:17	WG2267034
Xylenes, Total	U		0.0301	0.223	1.37	04/15/2024 01:17	WG2267034
(S) Toluene-d8	*99.0*			*75.0-131*		*04/15/2024 01:17*	WG2267034
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/15/2024 01:17*	WG2267034
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/15/2024 01:17*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.986	1.35	1.08	04/15/2024 01:36	WG2267034
Acrylonitrile	U		0.0975	0.338	1.08	04/15/2024 01:36	WG2267034
Benzene	U		0.0126	0.0270	1.08	04/15/2024 01:36	WG2267034
Bromobenzene	U		0.0243	0.338	1.08	04/15/2024 01:36	WG2267034
Bromodichloromethane	U	L1	0.0196	0.0675	1.08	04/15/2024 01:36	WG2267034
Bromoform	U		0.0316	0.675	1.08	04/15/2024 01:36	WG2267034
Bromomethane	U		0.0532	0.338	1.08	04/15/2024 01:36	WG2267034
1,3-Butadiene	U		0.139	0.675	1.08	04/15/2024 01:36	WG2267034
n-Butylbenzene	U		0.142	0.338	1.08	04/15/2024 01:36	WG2267034
sec-Butylbenzene	U		0.0778	0.338	1.08	04/15/2024 01:36	WG2267034
tert-Butylbenzene	U		0.0527	0.135	1.08	04/15/2024 01:36	WG2267034
Carbon disulfide	U		0.0189	0.338	1.08	04/15/2024 01:36	WG2267034
Carbon tetrachloride	U	L1	0.0242	0.135	1.08	04/15/2024 01:36	WG2267034
Chlorobenzene	U		0.00567	0.0675	1.08	04/15/2024 01:36	WG2267034
Chlorodibromomethane	U	L1	0.0165	0.0675	1.08	04/15/2024 01:36	WG2267034
Chloroethane	U	R7	0.0459	0.135	1.08	04/15/2024 01:36	WG2267034
Chloroform	U		0.0278	0.0675	1.08	04/15/2024 01:36	WG2267034
Chloromethane	U		0.117	0.338	1.08	04/15/2024 01:36	WG2267034
2-Chlorotoluene	U		0.0234	0.0675	1.08	04/15/2024 01:36	WG2267034
4-Chlorotoluene	U		0.0122	0.135	1.08	04/15/2024 01:36	WG2267034
Cyclohexane	U		0.0300	0.0675	1.08	04/15/2024 01:36	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.105	0.675	1.08	04/15/2024 01:36	WG2267034
1,2-Dibromoethane	U		0.0175	0.0675	1.08	04/15/2024 01:36	WG2267034
Dibromomethane	U		0.0203	0.135	1.08	04/15/2024 01:36	WG2267034
1,2-Dichlorobenzene	U		0.0115	0.135	1.08	04/15/2024 01:36	WG2267034
1,3-Dichlorobenzene	U		0.0162	0.135	1.08	04/15/2024 01:36	WG2267034
1,4-Dichlorobenzene	U		0.0189	0.135	1.08	04/15/2024 01:36	WG2267034
Dichlorodifluoromethane	U		0.0435	0.0675	1.08	04/15/2024 01:36	WG2267034
1,1-Dichloroethane	U		0.0133	0.0675	1.08	04/15/2024 01:36	WG2267034
1,2-Dichloroethane	U		0.0175	0.0675	1.08	04/15/2024 01:36	WG2267034
1,1-Dichloroethene	U		0.0164	0.0675	1.08	04/15/2024 01:36	WG2267034
cis-1,2-Dichloroethene	U		0.0198	0.0675	1.08	04/15/2024 01:36	WG2267034
trans-1,2-Dichloroethene	U		0.0281	0.135	1.08	04/15/2024 01:36	WG2267034
1,2-Dichloropropane	U		0.0383	0.135	1.08	04/15/2024 01:36	WG2267034
1,1-Dichloropropene	U		0.0218	0.0675	1.08	04/15/2024 01:36	WG2267034
1,3-Dichloropropane	U		0.0135	0.135	1.08	04/15/2024 01:36	WG2267034
cis-1,3-Dichloropropene	U		0.0204	0.0675	1.08	04/15/2024 01:36	WG2267034
trans-1,3-Dichloropropene	U		0.0308	0.135	1.08	04/15/2024 01:36	WG2267034
2,2-Dichloropropane	U	L1	0.0373	0.0675	1.08	04/15/2024 01:36	WG2267034
Dicyclopentadiene	U		0.0446	0.338	1.08	04/15/2024 01:36	WG2267034
Di-isopropyl ether	U		0.0111	0.0270	1.08	04/15/2024 01:36	WG2267034
Ethylbenzene	U		0.0199	0.0675	1.08	04/15/2024 01:36	WG2267034
4-Ethyltoluene	U		0.0626	0.135	1.08	04/15/2024 01:36	WG2267034
Hexachloro-1,3-butadiene	U		0.162	0.675	1.08	04/15/2024 01:36	WG2267034
n-Hexane	U		0.0610	0.135	1.08	04/15/2024 01:36	WG2267034
Isopropylbenzene	U		0.0115	0.0675	1.08	04/15/2024 01:36	WG2267034
p-Isopropyltoluene	U		0.0689	0.135	1.08	04/15/2024 01:36	WG2267034
2-Butanone (MEK)	U		1.71	2.70	1.08	04/15/2024 01:36	WG2267034
Methylene Chloride	U		0.179	0.675	1.08	04/15/2024 01:36	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0616	0.675	1.08	04/15/2024 01:36	WG2267034
Methyl tert-butyl ether	U		0.00945	0.0270	1.08	04/15/2024 01:36	WG2267034
Methyl Cyclohexane	U		0.0556	0.135	1.08	04/15/2024 01:36	WG2267034
Naphthalene	U		0.132	0.338	1.08	04/15/2024 01:36	WG2267034
Propene	U		0.165	1.35	1.08	04/15/2024 01:36	WG2267034
n-Propylbenzene	U		0.0257	0.135	1.08	04/15/2024 01:36	WG2267034
Styrene	U	L1	0.00618	0.338	1.08	04/15/2024 01:36	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0256	0.0675	1.08	04/15/2024 01:36	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0188	0.0675	1.08	04/15/2024 01:36	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0204	0.0675	1.08	04/15/2024 01:36	WG2267034
Tetrachloroethene	U		0.0242	0.0675	1.08	04/15/2024 01:36	WG2267034
Toluene	U		0.0351	0.135	1.08	04/15/2024 01:36	WG2267034
1,2,3-Trichlorobenzene	U		0.198	0.338	1.08	04/15/2024 01:36	WG2267034
1,2,4-Trichlorobenzene	U		0.119	0.338	1.08	04/15/2024 01:36	WG2267034
1,1,1-Trichloroethane	U		0.0249	0.0675	1.08	04/15/2024 01:36	WG2267034
1,1,2-Trichloroethane	U	R7	0.0161	0.0675	1.08	04/15/2024 01:36	WG2267034
Trichloroethene	U		0.0158	0.0270	1.08	04/15/2024 01:36	WG2267034
Trichlorofluoromethane	U		0.0223	0.0675	1.08	04/15/2024 01:36	WG2267034
1,2,3-Trichloropropane	U		0.0437	0.338	1.08	04/15/2024 01:36	WG2267034
1,2,4-Trimethylbenzene	U		0.0427	0.135	1.08	04/15/2024 01:36	WG2267034
1,2,3-Trimethylbenzene	U		0.0427	0.135	1.08	04/15/2024 01:36	WG2267034
1,3,5-Trimethylbenzene	U		0.0540	0.135	1.08	04/15/2024 01:36	WG2267034
Vinyl chloride	U		0.0313	0.0675	1.08	04/15/2024 01:36	WG2267034
Xylenes, Total	U		0.0238	0.176	1.08	04/15/2024 01:36	WG2267034
(S) Toluene-d8	*98.6*			*75.0-131*		*04/15/2024 01:36*	WG2267034
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*04/15/2024 01:36*	WG2267034
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/15/2024 01:36*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.05	1.44	1.15	04/15/2024 01:56	WG2267034
Acrylonitrile	U		0.104	0.359	1.15	04/15/2024 01:56	WG2267034
Benzene	U		0.0134	0.0288	1.15	04/15/2024 01:56	WG2267034
Bromobenzene	U		0.0259	0.359	1.15	04/15/2024 01:56	WG2267034
Bromodichloromethane	U	L1	0.0208	0.0719	1.15	04/15/2024 01:56	WG2267034
Bromoform	U		0.0336	0.719	1.15	04/15/2024 01:56	WG2267034
Bromomethane	U		0.0566	0.359	1.15	04/15/2024 01:56	WG2267034
1,3-Butadiene	U		0.147	0.719	1.15	04/15/2024 01:56	WG2267034
n-Butylbenzene	U		0.151	0.359	1.15	04/15/2024 01:56	WG2267034
sec-Butylbenzene	U		0.0828	0.359	1.15	04/15/2024 01:56	WG2267034
tert-Butylbenzene	U		0.0561	0.144	1.15	04/15/2024 01:56	WG2267034
Carbon disulfide	U		0.0201	0.359	1.15	04/15/2024 01:56	WG2267034
Carbon tetrachloride	U	L1	0.0258	0.144	1.15	04/15/2024 01:56	WG2267034
Chlorobenzene	U		0.00604	0.0719	1.15	04/15/2024 01:56	WG2267034
Chlorodibromomethane	U	L1	0.0176	0.0719	1.15	04/15/2024 01:56	WG2267034
Chloroethane	U	R7	0.0489	0.144	1.15	04/15/2024 01:56	WG2267034
Chloroform	U		0.0296	0.0719	1.15	04/15/2024 01:56	WG2267034
Chloromethane	U		0.125	0.359	1.15	04/15/2024 01:56	WG2267034
2-Chlorotoluene	U		0.0249	0.0719	1.15	04/15/2024 01:56	WG2267034
4-Chlorotoluene	U		0.0129	0.144	1.15	04/15/2024 01:56	WG2267034
Cyclohexane	U		0.0319	0.0719	1.15	04/15/2024 01:56	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.112	0.719	1.15	04/15/2024 01:56	WG2267034
1,2-Dibromoethane	U		0.0186	0.0719	1.15	04/15/2024 01:56	WG2267034
Dibromomethane	U		0.0216	0.144	1.15	04/15/2024 01:56	WG2267034
1,2-Dichlorobenzene	U		0.0122	0.144	1.15	04/15/2024 01:56	WG2267034
1,3-Dichlorobenzene	U		0.0173	0.144	1.15	04/15/2024 01:56	WG2267034
1,4-Dichlorobenzene	U		0.0201	0.144	1.15	04/15/2024 01:56	WG2267034
Dichlorodifluoromethane	U		0.0463	0.0719	1.15	04/15/2024 01:56	WG2267034
1,1-Dichloroethane	U		0.0141	0.0719	1.15	04/15/2024 01:56	WG2267034
1,2-Dichloroethane	U		0.0187	0.0719	1.15	04/15/2024 01:56	WG2267034
1,1-Dichloroethene	U		0.0174	0.0719	1.15	04/15/2024 01:56	WG2267034
cis-1,2-Dichloroethene	U		0.0211	0.0719	1.15	04/15/2024 01:56	WG2267034
trans-1,2-Dichloroethene	U		0.0299	0.144	1.15	04/15/2024 01:56	WG2267034
1,2-Dichloropropane	U		0.0408	0.144	1.15	04/15/2024 01:56	WG2267034
1,1-Dichloropropene	U		0.0233	0.0719	1.15	04/15/2024 01:56	WG2267034
1,3-Dichloropropane	U		0.0144	0.144	1.15	04/15/2024 01:56	WG2267034
cis-1,3-Dichloropropene	U		0.0218	0.0719	1.15	04/15/2024 01:56	WG2267034
trans-1,3-Dichloropropene	U		0.0328	0.144	1.15	04/15/2024 01:56	WG2267034
2,2-Dichloropropane	U	L1	0.0397	0.0719	1.15	04/15/2024 01:56	WG2267034
Dicyclopentadiene	U		0.0474	0.359	1.15	04/15/2024 01:56	WG2267034
Di-isopropyl ether	U		0.0118	0.0288	1.15	04/15/2024 01:56	WG2267034
Ethylbenzene	U		0.0212	0.0719	1.15	04/15/2024 01:56	WG2267034
4-Ethyltoluene	U		0.0667	0.144	1.15	04/15/2024 01:56	WG2267034
Hexachloro-1,3-butadiene	U		0.173	0.719	1.15	04/15/2024 01:56	WG2267034
n-Hexane	U		0.0650	0.144	1.15	04/15/2024 01:56	WG2267034
Isopropylbenzene	U		0.0122	0.0719	1.15	04/15/2024 01:56	WG2267034
p-Isopropyltoluene	U		0.0733	0.144	1.15	04/15/2024 01:56	WG2267034
2-Butanone (MEK)	U		1.83	2.88	1.15	04/15/2024 01:56	WG2267034
Methylene Chloride	U		0.191	0.719	1.15	04/15/2024 01:56	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0656	0.719	1.15	04/15/2024 01:56	WG2267034
Methyl tert-butyl ether	U		0.0101	0.0288	1.15	04/15/2024 01:56	WG2267034
Methyl Cyclohexane	U		0.0592	0.144	1.15	04/15/2024 01:56	WG2267034
Naphthalene	U		0.140	0.359	1.15	04/15/2024 01:56	WG2267034
Propene	U		0.176	1.44	1.15	04/15/2024 01:56	WG2267034
n-Propylbenzene	U		0.0273	0.144	1.15	04/15/2024 01:56	WG2267034
Styrene	U	L1	0.00658	0.359	1.15	04/15/2024 01:56	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0273	0.0719	1.15	04/15/2024 01:56	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0200	0.0719	1.15	04/15/2024 01:56	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0217	0.0719	1.15	04/15/2024 01:56	WG2267034
Tetrachloroethene	U		0.0258	0.0719	1.15	04/15/2024 01:56	WG2267034
Toluene	U		0.0374	0.144	1.15	04/15/2024 01:56	WG2267034
1,2,3-Trichlorobenzene	U		0.211	0.359	1.15	04/15/2024 01:56	WG2267034
1,2,4-Trichlorobenzene	U		0.127	0.359	1.15	04/15/2024 01:56	WG2267034
1,1,1-Trichloroethane	U		0.0265	0.0719	1.15	04/15/2024 01:56	WG2267034
1,1,2-Trichloroethane	U	R7	0.0172	0.0719	1.15	04/15/2024 01:56	WG2267034
Trichloroethene	U		0.0168	0.0288	1.15	04/15/2024 01:56	WG2267034
Trichlorofluoromethane	U		0.0238	0.0719	1.15	04/15/2024 01:56	WG2267034
1,2,3-Trichloropropane	U		0.0466	0.359	1.15	04/15/2024 01:56	WG2267034
1,2,4-Trimethylbenzene	U		0.0454	0.144	1.15	04/15/2024 01:56	WG2267034
1,2,3-Trimethylbenzene	U		0.0454	0.144	1.15	04/15/2024 01:56	WG2267034
1,3,5-Trimethylbenzene	U		0.0575	0.144	1.15	04/15/2024 01:56	WG2267034
Vinyl chloride	U		0.0334	0.0719	1.15	04/15/2024 01:56	WG2267034
Xylenes, Total	U		0.0253	0.187	1.15	04/15/2024 01:56	WG2267034
(S) Toluene-d8	*99.8*			*75.0-131*		*04/15/2024 01:56*	WG2267034
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*04/15/2024 01:56*	WG2267034
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/15/2024 01:56*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.986	1.35	1.08	04/15/2024 02:14	WG2267034
Acrylonitrile	U		0.0975	0.338	1.08	04/15/2024 02:14	WG2267034
Benzene	U		0.0126	0.0270	1.08	04/15/2024 02:14	WG2267034
Bromobenzene	U		0.0243	0.338	1.08	04/15/2024 02:14	WG2267034
Bromodichloromethane	U	L1	0.0196	0.0675	1.08	04/15/2024 02:14	WG2267034
Bromoform	U		0.0316	0.675	1.08	04/15/2024 02:14	WG2267034
Bromomethane	U		0.0532	0.338	1.08	04/15/2024 02:14	WG2267034
1,3-Butadiene	U		0.139	0.675	1.08	04/15/2024 02:14	WG2267034
n-Butylbenzene	U		0.142	0.338	1.08	04/15/2024 02:14	WG2267034
sec-Butylbenzene	U		0.0778	0.338	1.08	04/15/2024 02:14	WG2267034
tert-Butylbenzene	U		0.0527	0.135	1.08	04/15/2024 02:14	WG2267034
Carbon disulfide	U		0.0189	0.338	1.08	04/15/2024 02:14	WG2267034
Carbon tetrachloride	U	L1	0.0242	0.135	1.08	04/15/2024 02:14	WG2267034
Chlorobenzene	U		0.00567	0.0675	1.08	04/15/2024 02:14	WG2267034
Chlorodibromomethane	U	L1	0.0165	0.0675	1.08	04/15/2024 02:14	WG2267034
Chloroethane	U	R7	0.0459	0.135	1.08	04/15/2024 02:14	WG2267034
Chloroform	U		0.0278	0.0675	1.08	04/15/2024 02:14	WG2267034
Chloromethane	U		0.117	0.338	1.08	04/15/2024 02:14	WG2267034
2-Chlorotoluene	U		0.0234	0.0675	1.08	04/15/2024 02:14	WG2267034
4-Chlorotoluene	U		0.0122	0.135	1.08	04/15/2024 02:14	WG2267034
Cyclohexane	U		0.0300	0.0675	1.08	04/15/2024 02:14	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.105	0.675	1.08	04/15/2024 02:14	WG2267034
1,2-Dibromoethane	U		0.0175	0.0675	1.08	04/15/2024 02:14	WG2267034
Dibromomethane	U		0.0203	0.135	1.08	04/15/2024 02:14	WG2267034
1,2-Dichlorobenzene	U		0.0115	0.135	1.08	04/15/2024 02:14	WG2267034
1,3-Dichlorobenzene	U		0.0162	0.135	1.08	04/15/2024 02:14	WG2267034
1,4-Dichlorobenzene	U		0.0189	0.135	1.08	04/15/2024 02:14	WG2267034
Dichlorodifluoromethane	U		0.0435	0.0675	1.08	04/15/2024 02:14	WG2267034
1,1-Dichloroethane	U		0.0133	0.0675	1.08	04/15/2024 02:14	WG2267034
1,2-Dichloroethane	U		0.0175	0.0675	1.08	04/15/2024 02:14	WG2267034
1,1-Dichloroethene	U		0.0164	0.0675	1.08	04/15/2024 02:14	WG2267034
cis-1,2-Dichloroethene	U		0.0198	0.0675	1.08	04/15/2024 02:14	WG2267034
trans-1,2-Dichloroethene	U		0.0281	0.135	1.08	04/15/2024 02:14	WG2267034
1,2-Dichloropropane	U		0.0383	0.135	1.08	04/15/2024 02:14	WG2267034
1,1-Dichloropropene	U		0.0218	0.0675	1.08	04/15/2024 02:14	WG2267034
1,3-Dichloropropane	U		0.0135	0.135	1.08	04/15/2024 02:14	WG2267034
cis-1,3-Dichloropropene	U		0.0204	0.0675	1.08	04/15/2024 02:14	WG2267034
trans-1,3-Dichloropropene	U		0.0308	0.135	1.08	04/15/2024 02:14	WG2267034
2,2-Dichloropropane	U	L1	0.0373	0.0675	1.08	04/15/2024 02:14	WG2267034
Dicyclopentadiene	U		0.0446	0.338	1.08	04/15/2024 02:14	WG2267034
Di-isopropyl ether	U		0.0111	0.0270	1.08	04/15/2024 02:14	WG2267034
Ethylbenzene	U		0.0199	0.0675	1.08	04/15/2024 02:14	WG2267034
4-Ethyltoluene	U		0.0626	0.135	1.08	04/15/2024 02:14	WG2267034
Hexachloro-1,3-butadiene	U		0.162	0.675	1.08	04/15/2024 02:14	WG2267034
n-Hexane	U		0.0610	0.135	1.08	04/15/2024 02:14	WG2267034
Isopropylbenzene	U		0.0115	0.0675	1.08	04/15/2024 02:14	WG2267034
p-Isopropyltoluene	U		0.0689	0.135	1.08	04/15/2024 02:14	WG2267034
2-Butanone (MEK)	U		1.71	2.70	1.08	04/15/2024 02:14	WG2267034
Methylene Chloride	U		0.179	0.675	1.08	04/15/2024 02:14	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0616	0.675	1.08	04/15/2024 02:14	WG2267034
Methyl tert-butyl ether	U		0.00945	0.0270	1.08	04/15/2024 02:14	WG2267034
Methyl Cyclohexane	U		0.0556	0.135	1.08	04/15/2024 02:14	WG2267034
Naphthalene	U		0.132	0.338	1.08	04/15/2024 02:14	WG2267034
Propene	U		0.165	1.35	1.08	04/15/2024 02:14	WG2267034
n-Propylbenzene	U		0.0257	0.135	1.08	04/15/2024 02:14	WG2267034
Styrene	U	L1	0.00618	0.338	1.08	04/15/2024 02:14	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0256	0.0675	1.08	04/15/2024 02:14	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0188	0.0675	1.08	04/15/2024 02:14	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0204	0.0675	1.08	04/15/2024 02:14	WG2267034
Tetrachloroethene	U		0.0242	0.0675	1.08	04/15/2024 02:14	WG2267034
Toluene	U		0.0351	0.135	1.08	04/15/2024 02:14	WG2267034
1,2,3-Trichlorobenzene	U		0.198	0.338	1.08	04/15/2024 02:14	WG2267034
1,2,4-Trichlorobenzene	U		0.119	0.338	1.08	04/15/2024 02:14	WG2267034
1,1,1-Trichloroethane	U		0.0249	0.0675	1.08	04/15/2024 02:14	WG2267034
1,1,2-Trichloroethane	U	R7	0.0161	0.0675	1.08	04/15/2024 02:14	WG2267034
Trichloroethene	U		0.0158	0.0270	1.08	04/15/2024 02:14	WG2267034
Trichlorofluoromethane	U		0.0223	0.0675	1.08	04/15/2024 02:14	WG2267034
1,2,3-Trichloropropane	U		0.0437	0.338	1.08	04/15/2024 02:14	WG2267034
1,2,4-Trimethylbenzene	U		0.0427	0.135	1.08	04/15/2024 02:14	WG2267034
1,2,3-Trimethylbenzene	U		0.0427	0.135	1.08	04/15/2024 02:14	WG2267034
1,3,5-Trimethylbenzene	U		0.0540	0.135	1.08	04/15/2024 02:14	WG2267034
Vinyl chloride	U		0.0313	0.0675	1.08	04/15/2024 02:14	WG2267034
Xylenes, Total	U		0.0238	0.176	1.08	04/15/2024 02:14	WG2267034
(S) Toluene-d8	*97.9*			*75.0-131*		*04/15/2024 02:14*	WG2267034
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*04/15/2024 02:14*	WG2267034
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/15/2024 02:14*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/15/2024 02:33	WG2267034
Acrylonitrile	U		0.0903	0.313	1	04/15/2024 02:33	WG2267034
Benzene	U		0.0117	0.0250	1	04/15/2024 02:33	WG2267034
Bromobenzene	U		0.0225	0.313	1	04/15/2024 02:33	WG2267034
Bromodichloromethane	U	L1	0.0181	0.0625	1	04/15/2024 02:33	WG2267034
Bromoform	U		0.0293	0.625	1	04/15/2024 02:33	WG2267034
Bromomethane	U		0.0493	0.313	1	04/15/2024 02:33	WG2267034
1,3-Butadiene	U		0.128	0.625	1	04/15/2024 02:33	WG2267034
n-Butylbenzene	U		0.131	0.313	1	04/15/2024 02:33	WG2267034
sec-Butylbenzene	U		0.0720	0.313	1	04/15/2024 02:33	WG2267034
tert-Butylbenzene	U		0.0488	0.125	1	04/15/2024 02:33	WG2267034
Carbon disulfide	U		0.0175	0.313	1	04/15/2024 02:33	WG2267034
Carbon tetrachloride	U	L1	0.0225	0.125	1	04/15/2024 02:33	WG2267034
Chlorobenzene	U		0.00525	0.0625	1	04/15/2024 02:33	WG2267034
Chlorodibromomethane	U	L1	0.0153	0.0625	1	04/15/2024 02:33	WG2267034
Chloroethane	U	R7	0.0425	0.125	1	04/15/2024 02:33	WG2267034
Chloroform	U		0.0258	0.0625	1	04/15/2024 02:33	WG2267034
Chloromethane	U		0.109	0.313	1	04/15/2024 02:33	WG2267034
2-Chlorotoluene	U		0.0216	0.0625	1	04/15/2024 02:33	WG2267034
4-Chlorotoluene	U		0.0113	0.125	1	04/15/2024 02:33	WG2267034
Cyclohexane	U		0.0278	0.0625	1	04/15/2024 02:33	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/15/2024 02:33	WG2267034
1,2-Dibromoethane	U		0.0162	0.0625	1	04/15/2024 02:33	WG2267034
Dibromomethane	U		0.0188	0.125	1	04/15/2024 02:33	WG2267034
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/15/2024 02:33	WG2267034
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/15/2024 02:33	WG2267034
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/15/2024 02:33	WG2267034
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/15/2024 02:33	WG2267034
1,1-Dichloroethane	U		0.0123	0.0625	1	04/15/2024 02:33	WG2267034
1,2-Dichloroethane	U		0.0162	0.0625	1	04/15/2024 02:33	WG2267034
1,1-Dichloroethene	U		0.0152	0.0625	1	04/15/2024 02:33	WG2267034
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/15/2024 02:33	WG2267034
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/15/2024 02:33	WG2267034
1,2-Dichloropropane	U		0.0355	0.125	1	04/15/2024 02:33	WG2267034
1,1-Dichloropropene	U		0.0202	0.0625	1	04/15/2024 02:33	WG2267034
1,3-Dichloropropane	U		0.0125	0.125	1	04/15/2024 02:33	WG2267034
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/15/2024 02:33	WG2267034
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/15/2024 02:33	WG2267034
2,2-Dichloropropane	U	L1	0.0345	0.0625	1	04/15/2024 02:33	WG2267034
Dicyclopentadiene	U		0.0413	0.313	1	04/15/2024 02:33	WG2267034
Di-isopropyl ether	U		0.0103	0.0250	1	04/15/2024 02:33	WG2267034
Ethylbenzene	U		0.0184	0.0625	1	04/15/2024 02:33	WG2267034
4-Ethyltoluene	U		0.0580	0.125	1	04/15/2024 02:33	WG2267034
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/15/2024 02:33	WG2267034
n-Hexane	U		0.0565	0.125	1	04/15/2024 02:33	WG2267034
Isopropylbenzene	U		0.0106	0.0625	1	04/15/2024 02:33	WG2267034
p-Isopropyltoluene	U		0.0638	0.125	1	04/15/2024 02:33	WG2267034
2-Butanone (MEK)	U		1.59	2.50	1	04/15/2024 02:33	WG2267034
Methylene Chloride	U		0.166	0.625	1	04/15/2024 02:33	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/15/2024 02:33	WG2267034
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/15/2024 02:33	WG2267034
Methyl Cyclohexane	U		0.0515	0.125	1	04/15/2024 02:33	WG2267034
Naphthalene	U		0.122	0.313	1	04/15/2024 02:33	WG2267034
Propene	U		0.153	1.25	1	04/15/2024 02:33	WG2267034
n-Propylbenzene	U		0.0238	0.125	1	04/15/2024 02:33	WG2267034
Styrene	U	L1	0.00573	0.313	1	04/15/2024 02:33	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/15/2024 02:33	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/15/2024 02:33	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/15/2024 02:33	WG2267034
Tetrachloroethene	U		0.0224	0.0625	1	04/15/2024 02:33	WG2267034
Toluene	U		0.0325	0.125	1	04/15/2024 02:33	WG2267034
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/15/2024 02:33	WG2267034
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/15/2024 02:33	WG2267034
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/15/2024 02:33	WG2267034
1,1,2-Trichloroethane	U	R7	0.0149	0.0625	1	04/15/2024 02:33	WG2267034
Trichloroethene	U		0.0146	0.0250	1	04/15/2024 02:33	WG2267034
Trichlorofluoromethane	U		0.0207	0.0625	1	04/15/2024 02:33	WG2267034
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/15/2024 02:33	WG2267034
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/15/2024 02:33	WG2267034
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/15/2024 02:33	WG2267034
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/15/2024 02:33	WG2267034
Vinyl chloride	U		0.0290	0.0625	1	04/15/2024 02:33	WG2267034
Xylenes, Total	U		0.0220	0.163	1	04/15/2024 02:33	WG2267034
(S) Toluene-d8	*98.6*			*75.0-131*		*04/15/2024 02:33*	WG2267034
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*04/15/2024 02:33*	WG2267034
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*04/15/2024 02:33*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/15/2024 02:52	WG2267034
Acrylonitrile	U		0.0903	0.313	1	04/15/2024 02:52	WG2267034
Benzene	U		0.0117	0.0250	1	04/15/2024 02:52	WG2267034
Bromobenzene	U		0.0225	0.313	1	04/15/2024 02:52	WG2267034
Bromodichloromethane	U	L1	0.0181	0.0625	1	04/15/2024 02:52	WG2267034
Bromoform	U		0.0293	0.625	1	04/15/2024 02:52	WG2267034
Bromomethane	U		0.0493	0.313	1	04/15/2024 02:52	WG2267034
1,3-Butadiene	U		0.128	0.625	1	04/15/2024 02:52	WG2267034
n-Butylbenzene	U		0.131	0.313	1	04/15/2024 02:52	WG2267034
sec-Butylbenzene	U		0.0720	0.313	1	04/15/2024 02:52	WG2267034
tert-Butylbenzene	U		0.0488	0.125	1	04/15/2024 02:52	WG2267034
Carbon disulfide	U		0.0175	0.313	1	04/15/2024 02:52	WG2267034
Carbon tetrachloride	U	L1	0.0225	0.125	1	04/15/2024 02:52	WG2267034
Chlorobenzene	U		0.00525	0.0625	1	04/15/2024 02:52	WG2267034
Chlorodibromomethane	U	L1	0.0153	0.0625	1	04/15/2024 02:52	WG2267034
Chloroethane	U	R7	0.0425	0.125	1	04/15/2024 02:52	WG2267034
Chloroform	U		0.0258	0.0625	1	04/15/2024 02:52	WG2267034
Chloromethane	U		0.109	0.313	1	04/15/2024 02:52	WG2267034
2-Chlorotoluene	U		0.0216	0.0625	1	04/15/2024 02:52	WG2267034
4-Chlorotoluene	U		0.0113	0.125	1	04/15/2024 02:52	WG2267034
Cyclohexane	U		0.0278	0.0625	1	04/15/2024 02:52	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/15/2024 02:52	WG2267034
1,2-Dibromoethane	U		0.0162	0.0625	1	04/15/2024 02:52	WG2267034
Dibromomethane	U		0.0188	0.125	1	04/15/2024 02:52	WG2267034
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/15/2024 02:52	WG2267034
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/15/2024 02:52	WG2267034
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/15/2024 02:52	WG2267034
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/15/2024 02:52	WG2267034
1,1-Dichloroethane	U		0.0123	0.0625	1	04/15/2024 02:52	WG2267034
1,2-Dichloroethane	U		0.0162	0.0625	1	04/15/2024 02:52	WG2267034
1,1-Dichloroethene	U		0.0152	0.0625	1	04/15/2024 02:52	WG2267034
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/15/2024 02:52	WG2267034
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/15/2024 02:52	WG2267034
1,2-Dichloropropane	U		0.0355	0.125	1	04/15/2024 02:52	WG2267034
1,1-Dichloropropene	U		0.0202	0.0625	1	04/15/2024 02:52	WG2267034
1,3-Dichloropropane	U		0.0125	0.125	1	04/15/2024 02:52	WG2267034
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/15/2024 02:52	WG2267034
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/15/2024 02:52	WG2267034
2,2-Dichloropropane	U	L1	0.0345	0.0625	1	04/15/2024 02:52	WG2267034
Dicyclopentadiene	U		0.0413	0.313	1	04/15/2024 02:52	WG2267034
Di-isopropyl ether	U		0.0103	0.0250	1	04/15/2024 02:52	WG2267034
Ethylbenzene	U		0.0184	0.0625	1	04/15/2024 02:52	WG2267034
4-Ethyltoluene	U		0.0580	0.125	1	04/15/2024 02:52	WG2267034
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/15/2024 02:52	WG2267034
n-Hexane	U		0.0565	0.125	1	04/15/2024 02:52	WG2267034
Isopropylbenzene	U		0.0106	0.0625	1	04/15/2024 02:52	WG2267034
p-Isopropyltoluene	U		0.0638	0.125	1	04/15/2024 02:52	WG2267034
2-Butanone (MEK)	U		1.59	2.50	1	04/15/2024 02:52	WG2267034
Methylene Chloride	U		0.166	0.625	1	04/15/2024 02:52	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/15/2024 02:52	WG2267034
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/15/2024 02:52	WG2267034
Methyl Cyclohexane	U		0.0515	0.125	1	04/15/2024 02:52	WG2267034
Naphthalene	U		0.122	0.313	1	04/15/2024 02:52	WG2267034
Propene	U		0.153	1.25	1	04/15/2024 02:52	WG2267034
n-Propylbenzene	U		0.0238	0.125	1	04/15/2024 02:52	WG2267034
Styrene	U	L1	0.00573	0.313	1	04/15/2024 02:52	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/15/2024 02:52	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/15/2024 02:52	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/15/2024 02:52	WG2267034
Tetrachloroethene	U		0.0224	0.0625	1	04/15/2024 02:52	WG2267034
Toluene	U		0.0325	0.125	1	04/15/2024 02:52	WG2267034
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/15/2024 02:52	WG2267034
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/15/2024 02:52	WG2267034
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/15/2024 02:52	WG2267034
1,1,2-Trichloroethane	U	R7	0.0149	0.0625	1	04/15/2024 02:52	WG2267034
Trichloroethene	U		0.0146	0.0250	1	04/15/2024 02:52	WG2267034
Trichlorofluoromethane	U		0.0207	0.0625	1	04/15/2024 02:52	WG2267034
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/15/2024 02:52	WG2267034
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/15/2024 02:52	WG2267034
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/15/2024 02:52	WG2267034
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/15/2024 02:52	WG2267034
Vinyl chloride	U		0.0290	0.0625	1	04/15/2024 02:52	WG2267034
Xylenes, Total	U		0.0220	0.163	1	04/15/2024 02:52	WG2267034
(S) Toluene-d8	*98.2*			*75.0-131*		*04/15/2024 02:52*	WG2267034
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*04/15/2024 02:52*	WG2267034
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*04/15/2024 02:52*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.922	1.26	1.01	04/15/2024 03:11	WG2267034
Acrylonitrile	U		0.0912	0.316	1.01	04/15/2024 03:11	WG2267034
Benzene	U		0.0118	0.0253	1.01	04/15/2024 03:11	WG2267034
Bromobenzene	U		0.0227	0.316	1.01	04/15/2024 03:11	WG2267034
Bromodichloromethane	U	L1	0.0183	0.0631	1.01	04/15/2024 03:11	WG2267034
Bromoform	U		0.0295	0.631	1.01	04/15/2024 03:11	WG2267034
Bromomethane	U		0.0497	0.316	1.01	04/15/2024 03:11	WG2267034
1,3-Butadiene	U		0.130	0.631	1.01	04/15/2024 03:11	WG2267034
n-Butylbenzene	U		0.133	0.316	1.01	04/15/2024 03:11	WG2267034
sec-Butylbenzene	U		0.0727	0.316	1.01	04/15/2024 03:11	WG2267034
tert-Butylbenzene	U		0.0492	0.126	1.01	04/15/2024 03:11	WG2267034
Carbon disulfide	U		0.0177	0.316	1.01	04/15/2024 03:11	WG2267034
Carbon tetrachloride	U	L1	0.0227	0.126	1.01	04/15/2024 03:11	WG2267034
Chlorobenzene	U		0.00530	0.0631	1.01	04/15/2024 03:11	WG2267034
Chlorodibromomethane	U	L1	0.0155	0.0631	1.01	04/15/2024 03:11	WG2267034
Chloroethane	U	R7	0.0429	0.126	1.01	04/15/2024 03:11	WG2267034
Chloroform	U		0.0260	0.0631	1.01	04/15/2024 03:11	WG2267034
Chloromethane	U		0.110	0.316	1.01	04/15/2024 03:11	WG2267034
2-Chlorotoluene	U		0.0218	0.0631	1.01	04/15/2024 03:11	WG2267034
4-Chlorotoluene	U		0.0114	0.126	1.01	04/15/2024 03:11	WG2267034
Cyclohexane	U		0.0280	0.0631	1.01	04/15/2024 03:11	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.0985	0.631	1.01	04/15/2024 03:11	WG2267034
1,2-Dibromoethane	U		0.0164	0.0631	1.01	04/15/2024 03:11	WG2267034
Dibromomethane	U		0.0189	0.126	1.01	04/15/2024 03:11	WG2267034
1,2-Dichlorobenzene	U		0.0107	0.126	1.01	04/15/2024 03:11	WG2267034
1,3-Dichlorobenzene	U		0.0152	0.126	1.01	04/15/2024 03:11	WG2267034
1,4-Dichlorobenzene	U		0.0177	0.126	1.01	04/15/2024 03:11	WG2267034
Dichlorodifluoromethane	U		0.0407	0.0631	1.01	04/15/2024 03:11	WG2267034
1,1-Dichloroethane	U		0.0124	0.0631	1.01	04/15/2024 03:11	WG2267034
1,2-Dichloroethane	U		0.0164	0.0631	1.01	04/15/2024 03:11	WG2267034
1,1-Dichloroethene	U		0.0153	0.0631	1.01	04/15/2024 03:11	WG2267034
cis-1,2-Dichloroethene	U		0.0185	0.0631	1.01	04/15/2024 03:11	WG2267034
trans-1,2-Dichloroethene	U		0.0263	0.126	1.01	04/15/2024 03:11	WG2267034
1,2-Dichloropropane	U		0.0359	0.126	1.01	04/15/2024 03:11	WG2267034
1,1-Dichloropropene	U		0.0204	0.0631	1.01	04/15/2024 03:11	WG2267034
1,3-Dichloropropane	U		0.0127	0.126	1.01	04/15/2024 03:11	WG2267034
cis-1,3-Dichloropropene	U		0.0191	0.0631	1.01	04/15/2024 03:11	WG2267034
trans-1,3-Dichloropropene	U		0.0288	0.126	1.01	04/15/2024 03:11	WG2267034
2,2-Dichloropropane	U	L1	0.0348	0.0631	1.01	04/15/2024 03:11	WG2267034
Dicyclopentadiene	U		0.0417	0.316	1.01	04/15/2024 03:11	WG2267034
Di-isopropyl ether	U		0.0104	0.0253	1.01	04/15/2024 03:11	WG2267034
Ethylbenzene	U		0.0186	0.0631	1.01	04/15/2024 03:11	WG2267034
4-Ethyltoluene	U		0.0586	0.126	1.01	04/15/2024 03:11	WG2267034
Hexachloro-1,3-butadiene	U		0.152	0.631	1.01	04/15/2024 03:11	WG2267034
n-Hexane	U		0.0571	0.126	1.01	04/15/2024 03:11	WG2267034
Isopropylbenzene	U		0.0107	0.0631	1.01	04/15/2024 03:11	WG2267034
p-Isopropyltoluene	U		0.0644	0.126	1.01	04/15/2024 03:11	WG2267034
2-Butanone (MEK)	U		1.60	2.53	1.01	04/15/2024 03:11	WG2267034
Methylene Chloride	U		0.168	0.631	1.01	04/15/2024 03:11	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0576	0.631	1.01	04/15/2024 03:11	WG2267034
Methyl tert-butyl ether	U		0.00884	0.0253	1.01	04/15/2024 03:11	WG2267034
Methyl Cyclohexane	U		0.0520	0.126	1.01	04/15/2024 03:11	WG2267034
Naphthalene	U		0.123	0.316	1.01	04/15/2024 03:11	WG2267034
Propene	U		0.155	1.26	1.01	04/15/2024 03:11	WG2267034
n-Propylbenzene	U		0.0240	0.126	1.01	04/15/2024 03:11	WG2267034
Styrene	U	L1	0.00578	0.316	1.01	04/15/2024 03:11	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0239	0.0631	1.01	04/15/2024 03:11	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0175	0.0631	1.01	04/15/2024 03:11	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0190	0.0631	1.01	04/15/2024 03:11	WG2267034
Tetrachloroethene	U		0.0226	0.0631	1.01	04/15/2024 03:11	WG2267034
Toluene	U		0.0328	0.126	1.01	04/15/2024 03:11	WG2267034
1,2,3-Trichlorobenzene	U		0.185	0.316	1.01	04/15/2024 03:11	WG2267034
1,2,4-Trichlorobenzene	U		0.111	0.316	1.01	04/15/2024 03:11	WG2267034
1,1,1-Trichloroethane	U		0.0233	0.0631	1.01	04/15/2024 03:11	WG2267034
1,1,2-Trichloroethane	U	R7	0.0151	0.0631	1.01	04/15/2024 03:11	WG2267034
Trichloroethene	U		0.0147	0.0253	1.01	04/15/2024 03:11	WG2267034
Trichlorofluoromethane	U		0.0209	0.0631	1.01	04/15/2024 03:11	WG2267034
1,2,3-Trichloropropane	U		0.0409	0.316	1.01	04/15/2024 03:11	WG2267034
1,2,4-Trimethylbenzene	U		0.0399	0.126	1.01	04/15/2024 03:11	WG2267034
1,2,3-Trimethylbenzene	U		0.0399	0.126	1.01	04/15/2024 03:11	WG2267034
1,3,5-Trimethylbenzene	U		0.0505	0.126	1.01	04/15/2024 03:11	WG2267034
Vinyl chloride	U		0.0293	0.0631	1.01	04/15/2024 03:11	WG2267034
Xylenes, Total	U		0.0222	0.164	1.01	04/15/2024 03:11	WG2267034
(S) Toluene-d8	*97.7*			*75.0-131*		*04/15/2024 03:11*	WG2267034
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*04/15/2024 03:11*	WG2267034
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/15/2024 03:11*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.10	1.51	1.21	04/15/2024 03:31	WG2267034
Acrylonitrile	U		0.109	0.378	1.21	04/15/2024 03:31	WG2267034
Benzene	U		0.0141	0.0303	1.21	04/15/2024 03:31	WG2267034
Bromobenzene	U		0.0272	0.378	1.21	04/15/2024 03:31	WG2267034
Bromodichloromethane	U	L1	0.0219	0.0756	1.21	04/15/2024 03:31	WG2267034
Bromoform	U		0.0354	0.756	1.21	04/15/2024 03:31	WG2267034
Bromomethane	U		0.0596	0.378	1.21	04/15/2024 03:31	WG2267034
1,3-Butadiene	U		0.155	0.756	1.21	04/15/2024 03:31	WG2267034
n-Butylbenzene	U		0.159	0.378	1.21	04/15/2024 03:31	WG2267034
sec-Butylbenzene	U		0.0871	0.378	1.21	04/15/2024 03:31	WG2267034
tert-Butylbenzene	U		0.0590	0.151	1.21	04/15/2024 03:31	WG2267034
Carbon disulfide	U		0.0212	0.378	1.21	04/15/2024 03:31	WG2267034
Carbon tetrachloride	U	L1	0.0272	0.151	1.21	04/15/2024 03:31	WG2267034
Chlorobenzene	U		0.00635	0.0756	1.21	04/15/2024 03:31	WG2267034
Chlorodibromomethane	U	L1	0.0185	0.0756	1.21	04/15/2024 03:31	WG2267034
Chloroethane	U	R7	0.0514	0.151	1.21	04/15/2024 03:31	WG2267034
Chloroform	U		0.0312	0.0756	1.21	04/15/2024 03:31	WG2267034
Chloromethane	U		0.132	0.378	1.21	04/15/2024 03:31	WG2267034
2-Chlorotoluene	U		0.0262	0.0756	1.21	04/15/2024 03:31	WG2267034
4-Chlorotoluene	U		0.0136	0.151	1.21	04/15/2024 03:31	WG2267034
Cyclohexane	U		0.0336	0.0756	1.21	04/15/2024 03:31	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.118	0.756	1.21	04/15/2024 03:31	WG2267034
1,2-Dibromoethane	U		0.0196	0.0756	1.21	04/15/2024 03:31	WG2267034
Dibromomethane	U		0.0227	0.151	1.21	04/15/2024 03:31	WG2267034
1,2-Dichlorobenzene	U		0.0129	0.151	1.21	04/15/2024 03:31	WG2267034
1,3-Dichlorobenzene	U		0.0182	0.151	1.21	04/15/2024 03:31	WG2267034
1,4-Dichlorobenzene	U		0.0212	0.151	1.21	04/15/2024 03:31	WG2267034
Dichlorodifluoromethane	U		0.0487	0.0756	1.21	04/15/2024 03:31	WG2267034
1,1-Dichloroethane	U		0.0149	0.0756	1.21	04/15/2024 03:31	WG2267034
1,2-Dichloroethane	U		0.0196	0.0756	1.21	04/15/2024 03:31	WG2267034
1,1-Dichloroethene	U		0.0183	0.0756	1.21	04/15/2024 03:31	WG2267034
cis-1,2-Dichloroethene	U		0.0222	0.0756	1.21	04/15/2024 03:31	WG2267034
trans-1,2-Dichloroethene	U		0.0315	0.151	1.21	04/15/2024 03:31	WG2267034
1,2-Dichloropropane	U		0.0430	0.151	1.21	04/15/2024 03:31	WG2267034
1,1-Dichloropropene	U		0.0245	0.0756	1.21	04/15/2024 03:31	WG2267034
1,3-Dichloropropane	U		0.0152	0.151	1.21	04/15/2024 03:31	WG2267034
cis-1,3-Dichloropropene	U		0.0229	0.0756	1.21	04/15/2024 03:31	WG2267034
trans-1,3-Dichloropropene	U		0.0345	0.151	1.21	04/15/2024 03:31	WG2267034
2,2-Dichloropropane	U	L1	0.0417	0.0756	1.21	04/15/2024 03:31	WG2267034
Dicyclopentadiene	U		0.0499	0.378	1.21	04/15/2024 03:31	WG2267034
Di-isopropyl ether	U		0.0124	0.0303	1.21	04/15/2024 03:31	WG2267034
Ethylbenzene	U		0.0223	0.0756	1.21	04/15/2024 03:31	WG2267034
4-Ethyltoluene	U		0.0702	0.151	1.21	04/15/2024 03:31	WG2267034
Hexachloro-1,3-butadiene	U		0.182	0.756	1.21	04/15/2024 03:31	WG2267034
n-Hexane	U		0.0684	0.151	1.21	04/15/2024 03:31	WG2267034
Isopropylbenzene	U		0.0129	0.0756	1.21	04/15/2024 03:31	WG2267034
p-Isopropyltoluene	U		0.0771	0.151	1.21	04/15/2024 03:31	WG2267034
2-Butanone (MEK)	U		1.92	3.03	1.21	04/15/2024 03:31	WG2267034
Methylene Chloride	U		0.201	0.756	1.21	04/15/2024 03:31	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0690	0.756	1.21	04/15/2024 03:31	WG2267034
Methyl tert-butyl ether	U		0.0106	0.0303	1.21	04/15/2024 03:31	WG2267034
Methyl Cyclohexane	U		0.0623	0.151	1.21	04/15/2024 03:31	WG2267034
Naphthalene	U		0.148	0.378	1.21	04/15/2024 03:31	WG2267034
Propene	U		0.185	1.51	1.21	04/15/2024 03:31	WG2267034
n-Propylbenzene	U		0.0287	0.151	1.21	04/15/2024 03:31	WG2267034
Styrene	U	L1	0.00693	0.378	1.21	04/15/2024 03:31	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0287	0.0756	1.21	04/15/2024 03:31	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0210	0.0756	1.21	04/15/2024 03:31	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0228	0.0756	1.21	04/15/2024 03:31	WG2267034
Tetrachloroethene	U		0.0271	0.0756	1.21	04/15/2024 03:31	WG2267034
Toluene	U		0.0393	0.151	1.21	04/15/2024 03:31	WG2267034
1,2,3-Trichlorobenzene	U		0.222	0.378	1.21	04/15/2024 03:31	WG2267034
1,2,4-Trichlorobenzene	U		0.133	0.378	1.21	04/15/2024 03:31	WG2267034
1,1,1-Trichloroethane	U		0.0279	0.0756	1.21	04/15/2024 03:31	WG2267034
1,1,2-Trichloroethane	U	R7	0.0181	0.0756	1.21	04/15/2024 03:31	WG2267034
Trichloroethene	U		0.0177	0.0303	1.21	04/15/2024 03:31	WG2267034
Trichlorofluoromethane	U		0.0250	0.0756	1.21	04/15/2024 03:31	WG2267034
1,2,3-Trichloropropane	U		0.0490	0.378	1.21	04/15/2024 03:31	WG2267034
1,2,4-Trimethylbenzene	U		0.0478	0.151	1.21	04/15/2024 03:31	WG2267034
1,2,3-Trimethylbenzene	U		0.0478	0.151	1.21	04/15/2024 03:31	WG2267034
1,3,5-Trimethylbenzene	U		0.0605	0.151	1.21	04/15/2024 03:31	WG2267034
Vinyl chloride	U		0.0351	0.0756	1.21	04/15/2024 03:31	WG2267034
Xylenes, Total	U		0.0266	0.197	1.21	04/15/2024 03:31	WG2267034
(S) Toluene-d8	*98.4*			*75.0-131*		*04/15/2024 03:31*	WG2267034
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/15/2024 03:31*	WG2267034
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/15/2024 03:31*	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.995	1.36	1.09	04/15/2024 03:50	WG2267034
Acrylonitrile	U		0.0984	0.341	1.09	04/15/2024 03:50	WG2267034
Benzene	U		0.0127	0.0273	1.09	04/15/2024 03:50	WG2267034
Bromobenzene	U		0.0245	0.341	1.09	04/15/2024 03:50	WG2267034
Bromodichloromethane	U	L1	0.0198	0.0681	1.09	04/15/2024 03:50	WG2267034
Bromoform	U		0.0319	0.681	1.09	04/15/2024 03:50	WG2267034
Bromomethane	U		0.0537	0.341	1.09	04/15/2024 03:50	WG2267034
1,3-Butadiene	U		0.140	0.681	1.09	04/15/2024 03:50	WG2267034
n-Butylbenzene	U		0.143	0.341	1.09	04/15/2024 03:50	WG2267034
sec-Butylbenzene	U		0.0785	0.341	1.09	04/15/2024 03:50	WG2267034
tert-Butylbenzene	U		0.0531	0.136	1.09	04/15/2024 03:50	WG2267034
Carbon disulfide	U		0.0191	0.341	1.09	04/15/2024 03:50	WG2267034
Carbon tetrachloride	U	L1	0.0245	0.136	1.09	04/15/2024 03:50	WG2267034
Chlorobenzene	U		0.00572	0.0681	1.09	04/15/2024 03:50	WG2267034
Chlorodibromomethane	U	L1	0.0167	0.0681	1.09	04/15/2024 03:50	WG2267034
Chloroethane	U	R7	0.0463	0.136	1.09	04/15/2024 03:50	WG2267034
Chloroform	U		0.0281	0.0681	1.09	04/15/2024 03:50	WG2267034
Chloromethane	U		0.119	0.341	1.09	04/15/2024 03:50	WG2267034
2-Chlorotoluene	U		0.0236	0.0681	1.09	04/15/2024 03:50	WG2267034
4-Chlorotoluene	U		0.0123	0.136	1.09	04/15/2024 03:50	WG2267034
Cyclohexane	U		0.0302	0.0681	1.09	04/15/2024 03:50	WG2267034
1,2-Dibromo-3-Chloropropane	U		0.106	0.681	1.09	04/15/2024 03:50	WG2267034
1,2-Dibromoethane	U		0.0177	0.0681	1.09	04/15/2024 03:50	WG2267034
Dibromomethane	U		0.0204	0.136	1.09	04/15/2024 03:50	WG2267034
1,2-Dichlorobenzene	U		0.0116	0.136	1.09	04/15/2024 03:50	WG2267034
1,3-Dichlorobenzene	U		0.0164	0.136	1.09	04/15/2024 03:50	WG2267034
1,4-Dichlorobenzene	U		0.0191	0.136	1.09	04/15/2024 03:50	WG2267034
Dichlorodifluoromethane	U		0.0439	0.0681	1.09	04/15/2024 03:50	WG2267034
1,1-Dichloroethane	U		0.0134	0.0681	1.09	04/15/2024 03:50	WG2267034
1,2-Dichloroethane	U		0.0177	0.0681	1.09	04/15/2024 03:50	WG2267034
1,1-Dichloroethene	U		0.0165	0.0681	1.09	04/15/2024 03:50	WG2267034
cis-1,2-Dichloroethene	U		0.0200	0.0681	1.09	04/15/2024 03:50	WG2267034
trans-1,2-Dichloroethene	U		0.0283	0.136	1.09	04/15/2024 03:50	WG2267034
1,2-Dichloropropane	U		0.0387	0.136	1.09	04/15/2024 03:50	WG2267034
1,1-Dichloropropene	U		0.0220	0.0681	1.09	04/15/2024 03:50	WG2267034
1,3-Dichloropropane	U		0.0137	0.136	1.09	04/15/2024 03:50	WG2267034
cis-1,3-Dichloropropene	U		0.0206	0.0681	1.09	04/15/2024 03:50	WG2267034
trans-1,3-Dichloropropene	U		0.0311	0.136	1.09	04/15/2024 03:50	WG2267034
2,2-Dichloropropane	U	L1	0.0376	0.0681	1.09	04/15/2024 03:50	WG2267034
Dicyclopentadiene	U		0.0450	0.341	1.09	04/15/2024 03:50	WG2267034
Di-isopropyl ether	U		0.0112	0.0273	1.09	04/15/2024 03:50	WG2267034
Ethylbenzene	U		0.0201	0.0681	1.09	04/15/2024 03:50	WG2267034
4-Ethyltoluene	U		0.0632	0.136	1.09	04/15/2024 03:50	WG2267034
Hexachloro-1,3-butadiene	U		0.164	0.681	1.09	04/15/2024 03:50	WG2267034
n-Hexane	U		0.0616	0.136	1.09	04/15/2024 03:50	WG2267034
Isopropylbenzene	U		0.0116	0.0681	1.09	04/15/2024 03:50	WG2267034
p-Isopropyltoluene	U		0.0695	0.136	1.09	04/15/2024 03:50	WG2267034
2-Butanone (MEK)	U		1.73	2.73	1.09	04/15/2024 03:50	WG2267034
Methylene Chloride	U		0.181	0.681	1.09	04/15/2024 03:50	WG2267034
4-Methyl-2-pentanone (MIBK)	U		0.0621	0.681	1.09	04/15/2024 03:50	WG2267034
Methyl tert-butyl ether	U		0.00954	0.0273	1.09	04/15/2024 03:50	WG2267034
Methyl Cyclohexane	U		0.0561	0.136	1.09	04/15/2024 03:50	WG2267034
Naphthalene	U		0.133	0.341	1.09	04/15/2024 03:50	WG2267034
Propene	U		0.167	1.36	1.09	04/15/2024 03:50	WG2267034
n-Propylbenzene	U		0.0259	0.136	1.09	04/15/2024 03:50	WG2267034
Styrene	U	L1	0.00624	0.341	1.09	04/15/2024 03:50	WG2267034

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0258	0.0681	1.09	04/15/2024 03:50	WG2267034
1,1,2,2-Tetrachloroethane	U		0.0189	0.0681	1.09	04/15/2024 03:50	WG2267034
1,1,2-Trichlorotrifluoroethane	U		0.0205	0.0681	1.09	04/15/2024 03:50	WG2267034
Tetrachloroethene	U		0.0244	0.0681	1.09	04/15/2024 03:50	WG2267034
Toluene	U		0.0354	0.136	1.09	04/15/2024 03:50	WG2267034
1,2,3-Trichlorobenzene	U		0.200	0.341	1.09	04/15/2024 03:50	WG2267034
1,2,4-Trichlorobenzene	U		0.120	0.341	1.09	04/15/2024 03:50	WG2267034
1,1,1-Trichloroethane	U		0.0252	0.0681	1.09	04/15/2024 03:50	WG2267034
1,1,2-Trichloroethane	U	R7	0.0163	0.0681	1.09	04/15/2024 03:50	WG2267034
Trichloroethene	U		0.0159	0.0273	1.09	04/15/2024 03:50	WG2267034
Trichlorofluoromethane	U		0.0225	0.0681	1.09	04/15/2024 03:50	WG2267034
1,2,3-Trichloropropane	U		0.0441	0.341	1.09	04/15/2024 03:50	WG2267034
1,2,4-Trimethylbenzene	U		0.0431	0.136	1.09	04/15/2024 03:50	WG2267034
1,2,3-Trimethylbenzene	U		0.0431	0.136	1.09	04/15/2024 03:50	WG2267034
1,3,5-Trimethylbenzene	U		0.0545	0.136	1.09	04/15/2024 03:50	WG2267034
Vinyl chloride	U		0.0316	0.0681	1.09	04/15/2024 03:50	WG2267034
Xylenes, Total	U		0.0240	0.177	1.09	04/15/2024 03:50	WG2267034
(S) Toluene-d8	*99.1*			*75.0-131*		*04/15/2024 03:50*	WG2267034
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*04/15/2024 03:50*	WG2267034
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/15/2024 03:50*	WG2267034

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	U		0.00230	0.00600	1	04/19/2024 12:29	WG2269759
Acenaphthene	U		0.00209	0.00600	1	04/19/2024 12:29	WG2269759
Acenaphthylene	U		0.00216	0.00600	1	04/19/2024 12:29	WG2269759
Benzo(a)anthracene	U		0.00173	0.00600	1	04/19/2024 12:29	WG2269759
Benzo(a)pyrene	U		0.00179	0.00600	1	04/19/2024 12:29	WG2269759
Benzo(b)fluoranthene	U		0.00153	0.00600	1	04/19/2024 12:29	WG2269759
Benzo(g,h,i)perylene	U		0.00177	0.00600	1	04/19/2024 12:29	WG2269759
Benzo(k)fluoranthene	U		0.00215	0.00600	1	04/19/2024 12:29	WG2269759
Chrysene	U		0.00232	0.00600	1	04/19/2024 12:29	WG2269759
Dibenz(a,h)anthracene	U		0.00172	0.00600	1	04/19/2024 12:29	WG2269759
Fluoranthene	U		0.00227	0.00600	1	04/19/2024 12:29	WG2269759
Fluorene	U		0.00205	0.00600	1	04/19/2024 12:29	WG2269759
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600	1	04/19/2024 12:29	WG2269759
Naphthalene	U		0.00408	0.0200	1	04/19/2024 12:29	WG2269759
Phenanthrene	U		0.00231	0.00600	1	04/19/2024 12:29	WG2269759
Pyrene	U		0.00200	0.00600	1	04/19/2024 12:29	WG2269759
1-Methylnaphthalene	U		0.00449	0.0200	1	04/19/2024 12:29	WG2269759
2-Methylnaphthalene	U		0.00427	0.0200	1	04/19/2024 12:29	WG2269759
2-Chloronaphthalene	U		0.00466	0.0200	1	04/19/2024 12:29	WG2269759
(S) p-Terphenyl-d14	*72.8*			*23.0-120*		*04/19/2024 12:29*	WG2269759
(S) Nitrobenzene-d5	*47.0*			*14.0-149*		*04/19/2024 12:29*	WG2269759
(S) 2-Fluorobiphenyl	*48.5*			*34.0-125*		*04/19/2024 12:29*	WG2269759

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	04/14/2024 14:21	WG2266861
Acrolein	U		2.54	50.0	1	04/14/2024 14:21	WG2266861
Acrylonitrile	U		0.671	10.0	1	04/14/2024 14:21	WG2266861
Benzene	U		0.0941	1.00	1	04/14/2024 14:21	WG2266861
Bromobenzene	U	L1	0.118	1.00	1	04/14/2024 14:21	WG2266861
Bromodichloromethane	U		0.136	1.00	1	04/14/2024 14:21	WG2266861
Bromoform	U		0.129	1.00	1	04/14/2024 14:21	WG2266861
Bromomethane	U		0.605	5.00	1	04/14/2024 14:21	WG2266861
1,3-Butadiene	U	L1 R5	0.299	2.00	1	04/14/2024 14:21	WG2266861
n-Butylbenzene	U		0.157	1.00	1	04/14/2024 14:21	WG2266861
sec-Butylbenzene	U		0.125	1.00	1	04/14/2024 14:21	WG2266861
tert-Butylbenzene	U		0.127	1.00	1	04/14/2024 14:21	WG2266861
Carbon tetrachloride	U		0.128	1.00	1	04/14/2024 14:21	WG2266861
Carbon disulfide	U	R7	0.0962	1.00	1	04/14/2024 14:21	WG2266861
Chlorobenzene	U		0.116	1.00	1	04/14/2024 14:21	WG2266861
Chlorodibromomethane	U		0.140	1.00	1	04/14/2024 14:21	WG2266861
Chloroethane	U		0.192	5.00	1	04/14/2024 14:21	WG2266861
Chloroform	U		0.111	5.00	1	04/14/2024 14:21	WG2266861
Chloromethane	U		0.960	2.50	1	04/14/2024 14:21	WG2266861
Cyclohexane	U		0.188	1.00	1	04/14/2024 14:21	WG2266861
2-Chlorotoluene	U		0.106	1.00	1	04/14/2024 14:21	WG2266861
4-Chlorotoluene	U		0.114	1.00	1	04/14/2024 14:21	WG2266861
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/14/2024 14:21	WG2266861
1,2-Dibromoethane	U		0.126	1.00	1	04/14/2024 14:21	WG2266861
Dibromomethane	U		0.122	1.00	1	04/14/2024 14:21	WG2266861
1,2-Dichlorobenzene	U		0.107	1.00	1	04/14/2024 14:21	WG2266861
1,3-Dichlorobenzene	U		0.110	1.00	1	04/14/2024 14:21	WG2266861
1,4-Dichlorobenzene	U		0.120	1.00	1	04/14/2024 14:21	WG2266861
Dichlorodifluoromethane	U		0.374	5.00	1	04/14/2024 14:21	WG2266861
1,1-Dichloroethane	U		0.100	1.00	1	04/14/2024 14:21	WG2266861
1,2-Dichloroethane	U		0.0819	1.00	1	04/14/2024 14:21	WG2266861
1,1-Dichloroethene	U		0.188	1.00	1	04/14/2024 14:21	WG2266861
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/14/2024 14:21	WG2266861
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/14/2024 14:21	WG2266861
1,2-Dichloropropane	U		0.149	1.00	1	04/14/2024 14:21	WG2266861
1,1-Dichloropropene	U		0.142	1.00	1	04/14/2024 14:21	WG2266861
1,3-Dichloropropane	U		0.110	1.00	1	04/14/2024 14:21	WG2266861
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/14/2024 14:21	WG2266861
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/14/2024 14:21	WG2266861
2,2-Dichloropropane	U		0.161	1.00	1	04/14/2024 14:21	WG2266861
Dicyclopentadiene	U	L1	0.253	1.00	1	04/14/2024 14:21	WG2266861
Di-isopropyl ether	U		0.105	1.00	1	04/14/2024 14:21	WG2266861
Ethylbenzene	U		0.137	1.00	1	04/14/2024 14:21	WG2266861
4-Ethyltoluene	U		0.208	1.00	1	04/14/2024 14:21	WG2266861
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/14/2024 14:21	WG2266861
n-Hexane	U		0.749	10.0	1	04/14/2024 14:21	WG2266861
Isopropylbenzene	U		0.105	1.00	1	04/14/2024 14:21	WG2266861
p-Isopropyltoluene	U		0.120	1.00	1	04/14/2024 14:21	WG2266861
2-Butanone (MEK)	U		1.19	10.0	1	04/14/2024 14:21	WG2266861
Methyl Cyclohexane	U		0.660	1.00	1	04/14/2024 14:21	WG2266861
Methylene Chloride	U		0.430	5.00	1	04/14/2024 14:21	WG2266861
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/14/2024 14:21	WG2266861
Methyl tert-butyl ether	U		0.101	1.00	1	04/14/2024 14:21	WG2266861
Naphthalene	U		1.00	5.00	1	04/14/2024 14:21	WG2266861
Propene	U	R7	0.936	2.50	1	04/14/2024 14:21	WG2266861
n-Propylbenzene	U		0.0993	1.00	1	04/14/2024 14:21	WG2266861

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U	R7	0.118	1.00	1	04/14/2024 14:21	WG2266861
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/14/2024 14:21	WG2266861
1,1,2,2-Tetrachloroethane	U	L1	0.133	1.00	1	04/14/2024 14:21	WG2266861
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/14/2024 14:21	WG2266861
Tetrachloroethene	U		0.300	1.00	1	04/14/2024 14:21	WG2266861
Toluene	U		0.278	1.00	1	04/14/2024 14:21	WG2266861
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/14/2024 14:21	WG2266861
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/14/2024 14:21	WG2266861
1,1,1-Trichloroethane	U		0.149	1.00	1	04/14/2024 14:21	WG2266861
1,1,2-Trichloroethane	U		0.158	1.00	1	04/14/2024 14:21	WG2266861
Trichloroethene	U		0.190	1.00	1	04/14/2024 14:21	WG2266861
Trichlorofluoromethane	U		0.160	5.00	1	04/14/2024 14:21	WG2266861
1,2,3-Trichloropropane	U		0.237	2.50	1	04/14/2024 14:21	WG2266861
1,2,4-Trimethylbenzene	U		0.322	1.00	1	04/14/2024 14:21	WG2266861
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/14/2024 14:21	WG2266861
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/14/2024 14:21	WG2266861
Vinyl chloride	U		0.234	1.00	1	04/14/2024 14:21	WG2266861
Xylenes, Total	U		0.174	3.00	1	04/14/2024 14:21	WG2266861
(S) Toluene-d8	*101*			*80.0-120*		*04/14/2024 14:21*	WG2266861
(S) 4-Bromofluorobenzene	*83.8*			*77.0-126*		*04/14/2024 14:21*	WG2266861
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/14/2024 14:21*	WG2266861

Method Blank (MB)

(MB) R4058402-3 04/14/24 10:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	0.167	E4	0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4058402-3 04/14/24 10:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*87.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4058402-1 04/14/24 09:33 • (LCSD) R4058402-2 04/14/24 09:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	19.9	21.6	79.6	86.4	19.0-160			8.19	27
Acrolein	25.0	24.7	30.2	98.8	121	30.0-160			20.0	26
Acrylonitrile	25.0	26.3	25.3	105	101	55.0-149			3.88	20
Benzene	5.00	5.62	5.71	112	114	70.0-123			1.59	20
Bromobenzene	5.00	6.25	6.38	125	128	73.0-121	L1	L1	2.06	20
Bromodichloromethane	5.00	4.86	5.00	97.2	100	75.0-120			2.84	20
Bromoform	5.00	3.78	3.99	75.6	79.8	68.0-132			5.41	20
Bromomethane	5.00	5.52	5.33	110	107	30.0-160			3.50	25
1,3-Butadiene	5.00	6.91	9.62	138	192	45.0-147		L1 R7	32.8	20
n-Butylbenzene	5.00	4.64	4.69	92.8	93.8	73.0-125			1.07	20
sec-Butylbenzene	5.00	5.27	5.39	105	108	75.0-125			2.25	20
tert-Butylbenzene	5.00	5.15	5.26	103	105	76.0-124			2.11	20
Carbon tetrachloride	5.00	4.48	4.50	89.6	90.0	68.0-126			0.445	20
Carbon disulfide	5.00	4.60	5.99	92.0	120	61.0-128		R7	26.3	20
Chlorobenzene	5.00	4.65	4.73	93.0	94.6	80.0-121			1.71	20
Chlorodibromomethane	5.00	4.41	4.69	88.2	93.8	77.0-125			6.15	20
Chloroethane	5.00	7.25	7.13	145	143	47.0-150			1.67	20
Chloroform	5.00	5.00	5.05	100	101	73.0-120			0.995	20
Chloromethane	5.00	5.98	5.79	120	116	41.0-142			3.23	20
Cyclohexane	5.00	4.15	4.28	83.0	85.6	71.0-124			3.08	20
2-Chlorotoluene	5.00	5.84	5.86	117	117	76.0-123			0.342	20
4-Chlorotoluene	5.00	5.80	5.79	116	116	75.0-122			0.173	20
1,2-Dibromo-3-Chloropropane	5.00	3.88	4.10	77.6	82.0	58.0-134			5.51	20
1,2-Dibromoethane	5.00	4.56	4.81	91.2	96.2	80.0-122			5.34	20
Dibromomethane	5.00	4.76	5.10	95.2	102	80.0-120			6.90	20
1,2-Dichlorobenzene	5.00	5.21	5.28	104	106	79.0-121			1.33	20
1,3-Dichlorobenzene	5.00	5.04	5.23	101	105	79.0-120			3.70	20
1,4-Dichlorobenzene	5.00	5.14	5.28	103	106	79.0-120			2.69	20
Dichlorodifluoromethane	5.00	5.18	4.75	104	95.0	51.0-149			8.66	20
1,1-Dichloroethane	5.00	5.41	5.44	108	109	70.0-126			0.553	20
1,2-Dichloroethane	5.00	4.88	5.12	97.6	102	70.0-128			4.80	20
1,1-Dichloroethene	5.00	4.87	5.67	97.4	113	71.0-124			15.2	20
cis-1,2-Dichloroethene	5.00	5.02	5.13	100	103	73.0-120			2.17	20
trans-1,2-Dichloroethene	5.00	4.94	5.12	98.8	102	73.0-120			3.58	20
1,2-Dichloropropane	5.00	5.33	5.62	107	112	77.0-125			5.30	20
1,1-Dichloropropene	5.00	4.99	5.01	99.8	100	74.0-126			0.400	20
1,3-Dichloropropane	5.00	4.98	5.39	99.6	108	80.0-120			7.91	20
cis-1,3-Dichloropropene	5.00	4.63	4.80	92.6	96.0	80.0-123			3.61	20
trans-1,3-Dichloropropene	5.00	4.83	5.13	96.6	103	78.0-124			6.02	20
2,2-Dichloropropane	5.00	4.63	4.69	92.6	93.8	58.0-130			1.29	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4058402-1 04/14/24 09:33 • (LCSD) R4058402-2 04/14/24 09:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	6.34	6.24	127	125	74.0-126	L1		1.59	20
Di-isopropyl ether	5.00	5.38	5.61	108	112	58.0-138			4.19	20
Ethylbenzene	5.00	4.75	4.67	95.0	93.4	79.0-123			1.70	20
4-Ethyltoluene	5.00	5.30	5.39	106	108	74.0-127			1.68	20
Hexachloro-1,3-butadiene	5.00	3.74	3.75	74.8	75.0	54.0-138			0.267	20
n-Hexane	5.00	4.07	4.40	81.4	88.0	57.0-133			7.79	20
Isopropylbenzene	5.00	4.27	4.33	85.4	86.6	76.0-127			1.40	20
p-Isopropyltoluene	5.00	5.08	5.04	102	101	76.0-125			0.791	20
2-Butanone (MEK)	25.0	24.7	26.6	98.8	106	44.0-160			7.41	20
Methyl Cyclohexane	5.00	3.90	3.65	78.0	73.0	68.0-126			6.62	20
Methylene Chloride	5.00	4.96	5.30	99.2	106	67.0-120			6.63	20
4-Methyl-2-pentanone (MIBK)	25.0	26.9	29.3	108	117	68.0-142			8.54	20
Methyl tert-butyl ether	5.00	4.67	4.96	93.4	99.2	68.0-125			6.02	20
Naphthalene	5.00	3.75	3.61	75.0	72.2	54.0-135			3.80	20
Propene	5.00	2.79	4.46	55.8	89.2	30.0-160		R7	46.1	20
n-Propylbenzene	5.00	5.94	6.11	119	122	77.0-124			2.82	20
Styrene	5.00	4.21	5.37	84.2	107	73.0-130		R7	24.2	20
1,1,1,2-Tetrachloroethane	5.00	4.30	4.31	86.0	86.2	75.0-125			0.232	20
1,1,2,2-Tetrachloroethane	5.00	6.62	6.84	132	137	65.0-130	L1	L1	3.27	20
1,1,2-Trichlorotrifluoroethane	5.00	4.11	4.48	82.2	89.6	69.0-132			8.61	20
Tetrachloroethene	5.00	4.19	4.49	83.8	89.8	72.0-132			6.91	20
Toluene	5.00	5.20	5.31	104	106	79.0-120			2.09	20
1,2,3-Trichlorobenzene	5.00	3.37	3.45	67.4	69.0	50.0-138			2.35	20
1,2,4-Trichlorobenzene	5.00	3.76	3.55	75.2	71.0	57.0-137			5.75	20
1,1,1-Trichloroethane	5.00	4.75	4.94	95.0	98.8	73.0-124			3.92	20
1,1,2-Trichloroethane	5.00	4.96	5.26	99.2	105	80.0-120			5.87	20
Trichloroethene	5.00	4.17	4.20	83.4	84.0	78.0-124			0.717	20
Trichlorofluoromethane	5.00	4.59	4.48	91.8	89.6	59.0-147			2.43	20
1,2,3-Trichloropropane	5.00	5.51	5.85	110	117	73.0-130			5.99	20
1,2,4-Trimethylbenzene	5.00	5.35	5.36	107	107	76.0-121			0.187	20
1,2,3-Trimethylbenzene	5.00	5.38	5.19	108	104	77.0-120			3.60	20
1,3,5-Trimethylbenzene	5.00	5.32	5.34	106	107	76.0-122			0.375	20
Vinyl chloride	5.00	5.87	5.98	117	120	67.0-131			1.86	20
Xylenes, Total	15.0	13.4	13.7	89.3	91.3	79.0-123			2.21	20
(S) Toluene-d8				*102*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*87.4*	*91.1*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*103*	*104*	*70.0-130*				

L1724767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724767-01 04/14/24 15:02 • (MS) R4058402-4 04/14/24 19:31 • (MSD) R4058402-5 04/14/24 19:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	22.3	22.3	89.2	89.2	1	10.0-160			0.000	35
Acrolein	25.0	U	23.1	24.6	92.4	98.4	1	10.0-160			6.29	39
Acrylonitrile	25.0	U	27.8	29.2	111	117	1	21.0-160			4.91	32
Benzene	5.00	U	6.46	6.30	129	126	1	17.0-158			2.51	27
Bromobenzene	5.00	U	7.00	7.08	140	142	1	30.0-149			1.14	28
Bromodichloromethane	5.00	U	5.79	5.64	116	113	1	31.0-150			2.62	27
Bromoform	5.00	U	4.37	4.31	87.4	86.2	1	29.0-150			1.38	29
Bromomethane	5.00	U	6.68	6.49	134	130	1	10.0-160			2.89	38
1,3-Butadiene	5.00	U	9.97	9.89	199	198	1	10.0-160	M1	M1	0.806	22
n-Butylbenzene	5.00	U	5.02	5.13	100	103	1	31.0-150			2.17	30
sec-Butylbenzene	5.00	U	6.28	6.48	126	130	1	33.0-155			3.13	29
tert-Butylbenzene	5.00	U	5.81	5.88	116	118	1	34.0-153			1.20	28
Carbon tetrachloride	5.00	U	5.69	5.57	114	111	1	23.0-159			2.13	28
Carbon disulfide	5.00	U	6.36	6.24	127	125	1	10.0-156			1.90	28
Chlorobenzene	5.00	U	5.45	5.52	109	110	1	33.0-152			1.28	27
Chlorodibromomethane	5.00	U	5.07	5.12	101	102	1	37.0-149			0.981	27
Chloroethane	5.00	U	8.93	8.75	179	175	1	10.0-160	M1	M1	2.04	30
Chloroform	5.00	0.965	7.30	6.97	127	120	1	29.0-154			4.63	28
Chloromethane	5.00	U	7.92	7.92	158	158	1	10.0-160			0.000	29
Cyclohexane	5.00	U	5.42	5.33	108	107	1	19.0-160			1.67	23
2-Chlorotoluene	5.00	U	6.91	6.97	138	139	1	32.0-153			0.865	28
4-Chlorotoluene	5.00	U	6.54	6.59	131	132	1	32.0-150			0.762	28
1,2-Dibromo-3-Chloropropane	5.00	U	4.12	4.42	82.4	88.4	1	22.0-151			7.03	34
1,2-Dibromoethane	5.00	U	5.18	5.20	104	104	1	34.0-147			0.385	27
Dibromomethane	5.00	U	5.96	5.55	119	111	1	30.0-151			7.12	27
1,2-Dichlorobenzene	5.00	U	5.79	5.85	116	117	1	34.0-149			1.03	28
1,3-Dichlorobenzene	5.00	U	6.00	6.00	120	120	1	36.0-146			0.000	27
1,4-Dichlorobenzene	5.00	U	6.07	6.04	121	121	1	35.0-142			0.495	27
Dichlorodifluoromethane	5.00	U	8.60	8.46	172	169	1	10.0-160	M1	M1	1.64	29
1,1-Dichloroethane	5.00	U	6.76	6.54	135	131	1	25.0-158			3.31	27
1,2-Dichloroethane	5.00	U	6.26	6.14	125	123	1	29.0-151			1.94	27
1,1-Dichloroethene	5.00	U	6.32	6.08	126	122	1	11.0-160			3.87	29
cis-1,2-Dichloroethene	5.00	0.139	6.30	6.25	123	122	1	10.0-160			0.797	27
trans-1,2-Dichloroethene	5.00	U	6.43	6.16	129	123	1	17.0-153			4.29	27
1,2-Dichloropropane	5.00	U	6.53	6.50	131	130	1	30.0-156			0.460	27
1,1-Dichloropropene	5.00	U	6.25	6.25	125	125	1	25.0-158			0.000	27
1,3-Dichloropropane	5.00	U	5.67	5.68	113	114	1	38.0-147			0.176	27
cis-1,3-Dichloropropene	5.00	U	4.64	4.66	92.8	93.2	1	34.0-149			0.430	28
trans-1,3-Dichloropropene	5.00	U	5.38	5.39	108	108	1	32.0-149			0.186	28
2,2-Dichloropropane	5.00	U	4.72	4.94	94.4	98.8	1	24.0-152			4.55	29

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

L1724767-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724767-01 04/14/24 15:02 • (MS) R4058402-4 04/14/24 19:31 • (MSD) R4058402-5 04/14/24 19:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	3.33	3.89	66.6	77.8	1	51.0-139			15.5	20
Di-isopropyl ether	5.00	U	6.44	6.33	129	127	1	21.0-160			1.72	28
Ethylbenzene	5.00	U	5.35	5.29	107	106	1	30.0-155			1.13	27
4-Ethyltoluene	5.00	U	6.10	6.22	122	124	1	10.0-160			1.95	20
Hexachloro-1,3-butadiene	5.00	U	3.90	3.86	78.0	77.2	1	20.0-154			1.03	34
n-Hexane	5.00	U	5.76	5.80	115	116	1	10.0-153			0.692	28
Isopropylbenzene	5.00	U	5.00	5.06	100	101	1	28.0-157			1.19	27
p-Isopropyltoluene	5.00	U	5.52	5.75	110	115	1	30.0-154			4.08	29
2-Butanone (MEK)	25.0	U	27.8	28.2	111	113	1	10.0-160			1.43	32
Methyl Cyclohexane	5.00	U	4.84	4.94	96.8	98.8	1	11.0-160			2.04	24
Methylene Chloride	5.00	U	6.11	5.82	122	116	1	23.0-144			4.86	28
4-Methyl-2-pentanone (MIBK)	25.0	U	30.1	30.2	120	121	1	29.0-160			0.332	29
Methyl tert-butyl ether	5.00	0.379	5.94	5.73	111	107	1	28.0-150			3.60	29
Naphthalene	5.00	U	3.14	3.43	62.8	68.6	1	12.0-156			8.83	35
Propene	5.00	U	2.86	3.25	57.2	65.0	1	10.0-160			12.8	29
n-Propylbenzene	5.00	U	6.77	6.90	135	138	1	31.0-154			1.90	28
Styrene	5.00	U	4.81	4.99	96.2	99.8	1	33.0-155			3.67	28
1,1,1,2-Tetrachloroethane	5.00	U	5.19	4.96	104	99.2	1	36.0-151			4.53	29
1,1,2,2-Tetrachloroethane	5.00	U	7.49	7.71	150	154	1	33.0-150		M1	2.89	28
1,1,2-Trichlorotrifluoroethane	5.00	U	6.32	6.12	126	122	1	23.0-160			3.22	30
Tetrachloroethene	5.00	31.1	52.7	52.7	432	432	1	10.0-160	M3	M3	0.000	27
Toluene	5.00	U	5.88	5.87	118	117	1	26.0-154			0.170	28
1,2,3-Trichlorobenzene	5.00	U	3.41	3.64	68.2	72.8	1	17.0-150			6.52	36
1,2,4-Trichlorobenzene	5.00	U	3.62	3.87	72.4	77.4	1	24.0-150			6.68	33
1,1,1-Trichloroethane	5.00	U	5.99	5.89	120	118	1	23.0-160			1.68	28
1,1,2-Trichloroethane	5.00	U	5.95	5.78	119	116	1	35.0-147			2.90	27
Trichloroethene	5.00	1.42	7.04	6.76	112	107	1	10.0-160			4.06	25
Trichlorofluoromethane	5.00	U	6.35	6.22	127	124	1	17.0-160			2.07	31
1,2,3-Trichloropropane	5.00	U	6.32	6.24	126	125	1	34.0-151			1.27	29
1,2,4-Trimethylbenzene	5.00	U	5.87	5.97	117	119	1	26.0-154			1.69	27
1,2,3-Trimethylbenzene	5.00	U	5.99	6.10	120	122	1	32.0-149			1.82	28
1,3,5-Trimethylbenzene	5.00	U	6.19	6.16	124	123	1	28.0-153			0.486	27
Vinyl chloride	5.00	U	7.48	7.37	150	147	1	10.0-160			1.48	27
Xylenes, Total	15.0	U	15.8	15.8	105	105	1	29.0-154			0.000	28
(S) Toluene-d8					*96.0*	*97.2*		*80.0-120*				
(S) 4-Bromofluorobenzene					*88.9*	*89.2*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*106*	*106*		*70.0-130*				

Method Blank (MB)

(MB) R4059111-3 04/14/24 21:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4059111-3 04/14/24 21:45

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*99.3*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4059111-1 04/14/24 20:08 • (LCSD) R4059111-2 04/14/24 20:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.632	0.621	101	99.4	30.0-160			1.76	31
Acrylonitrile	0.625	0.674	0.666	108	107	45.0-153			1.19	22
Benzene	0.125	0.123	0.131	98.4	105	70.0-123			6.30	20
Bromobenzene	0.125	0.120	0.126	96.0	101	73.0-121			4.88	20
Bromodichloromethane	0.125	0.144	0.156	115	125	73.0-121		L1	8.00	20
Bromoform	0.125	0.140	0.153	112	122	64.0-132			8.87	20
Bromomethane	0.125	0.125	0.139	100	111	56.0-147			10.6	20
1,3-Butadiene	0.125	0.157	0.173	126	138	32.0-150			9.70	20
n-Butylbenzene	0.125	0.113	0.126	90.4	101	68.0-135			10.9	20
sec-Butylbenzene	0.125	0.110	0.123	88.0	98.4	74.0-130			11.2	20
tert-Butylbenzene	0.125	0.111	0.117	88.8	93.6	75.0-127			5.26	20
Carbon disulfide	0.125	0.0831	0.0991	66.5	79.3	56.0-133			17.6	20
Carbon tetrachloride	0.125	0.169	0.174	135	139	66.0-128	L1	L1	2.92	20
Chlorobenzene	0.125	0.122	0.132	97.6	106	76.0-128			7.87	20
Chlorodibromomethane	0.125	0.152	0.164	122	131	74.0-127		L1	7.59	20
Chloroethane	0.125	0.124	0.152	99.2	122	61.0-134		R7	20.3	20
Chloroform	0.125	0.130	0.140	104	112	72.0-123			7.41	20
Chloromethane	0.125	0.108	0.123	86.4	98.4	51.0-138			13.0	20
2-Chlorotoluene	0.125	0.106	0.123	84.8	98.4	75.0-124			14.8	20
4-Chlorotoluene	0.125	0.106	0.112	84.8	89.6	75.0-124			5.50	20
Cyclohexane	0.125	0.116	0.130	92.8	104	70.0-130			11.4	20
1,2-Dibromo-3-Chloropropane	0.125	0.128	0.137	102	110	59.0-130			6.79	20
1,2-Dibromoethane	0.125	0.136	0.140	109	112	74.0-128			2.90	20
Dibromomethane	0.125	0.137	0.143	110	114	75.0-122			4.29	20
1,2-Dichlorobenzene	0.125	0.110	0.118	88.0	94.4	76.0-124			7.02	20
1,3-Dichlorobenzene	0.125	0.112	0.122	89.6	97.6	76.0-125			8.55	20
1,4-Dichlorobenzene	0.125	0.112	0.117	89.6	93.6	77.0-121			4.37	20
Dichlorodifluoromethane	0.125	0.149	0.157	119	126	43.0-156			5.23	20
1,1-Dichloroethane	0.125	0.124	0.135	99.2	108	70.0-127			8.49	20
1,2-Dichloroethane	0.125	0.140	0.145	112	116	65.0-131			3.51	20
1,1-Dichloroethene	0.125	0.140	0.143	112	114	65.0-131			2.12	20
cis-1,2-Dichloroethene	0.125	0.129	0.143	103	114	73.0-125			10.3	20
trans-1,2-Dichloroethene	0.125	0.125	0.136	100	109	71.0-125			8.43	20
1,2-Dichloropropane	0.125	0.114	0.124	91.2	99.2	74.0-125			8.40	20
1,1-Dichloropropene	0.125	0.130	0.146	104	117	73.0-125			11.6	20
1,3-Dichloropropane	0.125	0.131	0.138	105	110	80.0-125			5.20	20
cis-1,3-Dichloropropene	0.125	0.138	0.147	110	118	76.0-127			6.32	20
trans-1,3-Dichloropropene	0.125	0.142	0.151	114	121	73.0-127			6.14	20
2,2-Dichloropropane	0.125	0.159	0.179	127	143	59.0-135		L1	11.8	20
Dicyclopentadiene	0.125	0.101	0.108	80.8	86.4	71.0-132			6.70	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4059111-1 04/14/24 20:08 • (LCSD) R4059111-2 04/14/24 20:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.120	0.125	96.0	100	60.0-136			4.08	20
Ethylbenzene	0.125	0.120	0.133	96.0	106	74.0-126			10.3	20
4-Ethyltoluene	0.125	0.112	0.121	89.6	96.8	71.0-129			7.73	20
Hexachloro-1,3-butadiene	0.125	0.114	0.130	91.2	104	57.0-150			13.1	20
n-Hexane	0.125	0.120	0.135	96.0	108	55.0-137			11.8	20
Isopropylbenzene	0.125	0.125	0.138	100	110	72.0-127			9.89	20
p-Isopropyltoluene	0.125	0.104	0.120	83.2	96.0	72.0-133			14.3	20
2-Butanone (MEK)	0.625	0.656	0.662	105	106	30.0-160			0.910	24
Methylene Chloride	0.125	0.126	0.137	101	110	68.0-123			8.37	20
4-Methyl-2-pentanone (MIBK)	0.625	0.606	0.652	97.0	104	56.0-143			7.31	20
Methyl tert-butyl ether	0.125	0.144	0.148	115	118	66.0-132			2.74	20
Methyl Cyclohexane	0.125	0.128	0.120	102	96.0	67.0-129			6.45	20
Naphthalene	0.125	0.103	0.109	82.4	87.2	59.0-130			5.66	20
Propene	0.125	0.140	0.171	112	137	30.0-160			19.9	20
n-Propylbenzene	0.125	0.112	0.122	89.6	97.6	74.0-126			8.55	20
Styrene	0.125	0.161	0.176	129	141	72.0-127	L1	L1	8.90	20
1,1,1,2-Tetrachloroethane	0.125	0.148	0.151	118	121	74.0-129			2.01	20
1,1,2,2-Tetrachloroethane	0.125	0.124	0.132	99.2	106	68.0-128			6.25	20
1,1,2-Trichlorotrifluoroethane	0.125	0.128	0.141	102	113	61.0-139			9.67	20
Tetrachloroethene	0.125	0.137	0.151	110	121	70.0-136			9.72	20
Toluene	0.125	0.118	0.129	94.4	103	75.0-121			8.91	20
1,2,3-Trichlorobenzene	0.125	0.112	0.126	89.6	101	59.0-139			11.8	20
1,2,4-Trichlorobenzene	0.125	0.108	0.121	86.4	96.8	62.0-137			11.4	20
1,1,1-Trichloroethane	0.125	0.144	0.153	115	122	69.0-126			6.06	20
1,1,2-Trichloroethane	0.125	0.107	0.137	85.6	110	78.0-123		R7	24.6	20
Trichloroethene	0.125	0.133	0.139	106	111	76.0-126			4.41	20
Trichlorofluoromethane	0.125	0.132	0.148	106	118	61.0-142			11.4	20
1,2,3-Trichloropropane	0.125	0.132	0.135	106	108	67.0-129			2.25	20
1,2,4-Trimethylbenzene	0.125	0.115	0.119	92.0	95.2	70.0-126			3.42	20
1,2,3-Trimethylbenzene	0.125	0.112	0.116	89.6	92.8	74.0-124			3.51	20
1,3,5-Trimethylbenzene	0.125	0.109	0.119	87.2	95.2	73.0-127			8.77	20
Vinyl chloride	0.125	0.134	0.148	107	118	63.0-134			9.93	20
Xylenes, Total	0.375	0.362	0.388	96.5	103	72.0-127			6.93	20
(S) Toluene-d8				*97.6*	*100*	*75.0-131*				
(S) 4-Bromofluorobenzene				*110*	*109*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*108*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4060007-2 04/19/24 10:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) p-Terphenyl-d14	*84.4*			*23.0-120*
(S) Nitrobenzene-d5	*45.7*			*14.0-149*
(S) 2-Fluorobiphenyl	*47.5*			*34.0-125*

Laboratory Control Sample (LCS)

(LCS) R4060007-1 04/19/24 10:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0528	66.0	50.0-126	
Acenaphthene	0.0800	0.0529	66.1	50.0-120	
Acenaphthylene	0.0800	0.0562	70.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0559	69.9	45.0-120	
Benzo(a)pyrene	0.0800	0.0635	79.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0659	82.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0642	80.3	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0637	79.6	49.0-125	
Chrysene	0.0800	0.0576	72.0	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0669	83.6	47.0-125	
Fluoranthene	0.0800	0.0568	71.0	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4060007-1 04/19/24 10:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0575	71.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0637	79.6	46.0-125	
Naphthalene	0.0800	0.0626	78.3	50.0-120	
Phenanthrene	0.0800	0.0563	70.4	47.0-120	
Pyrene	0.0800	0.0570	71.3	43.0-123	
1-Methylnaphthalene	0.0800	0.0606	75.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0592	74.0	50.0-120	
2-Chloronaphthalene	0.0800	0.0524	65.5	50.0-120	
(S) p-Terphenyl-d14			*76.3*	*23.0-120*	
(S) Nitrobenzene-d5			*56.5*	*14.0-149*	
(S) 2-Fluorobiphenyl			*56.5*	*34.0-125*	

L1725293-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1725293-08 04/19/24 10:43 • (MS) R4060007-3 04/19/24 11:01 • (MSD) R4060007-4 04/19/24 11:18

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0788	U	0.0491	0.0452	62.3	57.9	1	10.0-145			8.27	30
Acenaphthene	0.0788	U	0.0470	0.0431	59.6	55.3	1	14.0-127			8.66	27
Acenaphthylene	0.0788	U	0.0520	0.0463	66.0	59.4	1	21.0-124			11.6	25
Benzo(a)anthracene	0.0788	U	0.0532	0.0478	67.5	61.3	1	10.0-139			10.7	30
Benzo(a)pyrene	0.0788	U	0.0619	0.0560	78.6	71.8	1	10.0-141			10.0	31
Benzo(b)fluoranthene	0.0788	U	0.0617	0.0536	78.3	68.7	1	10.0-140			14.1	36
Benzo(g,h,i)perylene	0.0788	U	0.0609	0.0560	77.3	71.8	1	10.0-140			8.38	33
Benzo(k)fluoranthene	0.0788	U	0.0598	0.0541	75.9	69.4	1	10.0-137			10.0	31
Chrysene	0.0788	U	0.0567	0.0530	72.0	67.9	1	10.0-145			6.75	30
Dibenz(a,h)anthracene	0.0788	U	0.0642	0.0593	81.5	76.0	1	10.0-132			7.94	31
Fluoranthene	0.0788	U	0.0513	0.0457	65.1	58.6	1	10.0-153			11.5	33
Fluorene	0.0788	U	0.0516	0.0451	65.5	57.8	1	11.0-130			13.4	29
Indeno(1,2,3-cd)pyrene	0.0788	U	0.0608	0.0557	77.2	71.4	1	10.0-137			8.76	32
Naphthalene	0.0788	U	0.0572	0.0504	72.1	64.2	1	10.0-135			12.6	27
Phenanthrene	0.0788	U	0.0509	0.0458	64.6	58.7	1	10.0-144			10.5	31
Pyrene	0.0788	U	0.0516	0.0469	65.5	60.1	1	10.0-148			9.54	35
1-Methylnaphthalene	0.0788	U	0.0563	0.0502	70.7	63.6	1	10.0-142			11.5	28
2-Methylnaphthalene	0.0788	U	0.0541	0.0489	68.0	62.0	1	10.0-137			10.1	28
2-Chloronaphthalene	0.0788	U	0.0484	0.0431	61.2	55.0	1	29.0-120			11.6	24
(S) p-Terphenyl-d14					*75.3*	*70.4*		*23.0-120*				
(S) Nitrobenzene-d5					*47.7*	*53.6*		*14.0-149*				
(S) 2-Fluorobiphenyl					*52.5*	*49.3*		*34.0-125*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS42 • File ID: 0414_02

04/14/24 20:08

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0414_02	575301.90	288267.40	279286.20
Upper Limit		1150604	576535	558572
Lower Limit		287651	144134	139643
LCS R4059111-1 WG2267034 1x	0414_02LCS	575301.90	288267.40	279286.20
LCSD R4059111-2 WG2267034 1x	0414_03	525106.40	265973.60	261940.60
BLANK R4059111-3 WG2267034 1x	0414_07	512817.30	261116.80	250532.30
L1725304-01 WG2267034 1.42x	0414_11	510177.60	251938.60	238008.50
L1725304-02 WG2267034 1.37x	0414_12	502370.80	254114.60	236183.80
L1725304-03 WG2267034 1.08x	0414_13	486065.80	244529.80	234220.50
L1725304-04 WG2267034 1.15x	0414_14	503512.70	252510.20	245670.40
L1725304-05 WG2267034 1.08x	0414_15	499366.10	256912.30	251299.70
L1725304-06 WG2267034 1x	0414_16	501549.10	252928.30	248848.20
L1725304-07 WG2267034 1x	0414_17	510367.20	258261.10	255467.30
L1725304-08 WG2267034 1.01x	0414_18	511426.80	256939.80	248523.80
L1725304-09 WG2267034 1.21x	0414_19	521618.40	265813.40	246409.40
L1725304-10 WG2267034 1.09x	0414_20	542360	276351.80	262306.20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS35 • File ID: 0414_02

04/14/24 09:33

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0414_02	379723	159583	111782
Upper Limit		759446	319166	223564
Lower Limit		189862	79792	55891
LCS R4058402-1 WG2266861 1x	0414_02LCS	379723	159583	111782
LCSD R4058402-2 WG2266861 1x	0414_03	377727	155023	109345
BLANK R4058402-3 WG2266861 1x	0414_05	354251	143323	97162
L1725304-11 WG2266861 1x	0414_14	318142	133023	90356
MS R4058402-4 WG2266861 1x	0414_29	328850	141672	104359
MSD R4058402-5 WG2266861 1x	0414_30	338429	144068	105263

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0419_03

04/19/24 09:47

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0419_03	25812	17302	36082	33792	31198
Upper Limit		51624	34604	72164	67584	62396
Lower Limit		12906	8651	18041	16896	15599
LCS R4060007-1 WG2269759 1x	0419_04	29388	19520	38647	37757	35318
BLANK R4060007-2 WG2269759 1x	0419_05	27807	18461	36736	35593	33455
MS R4060007-3 WG2269759 1x	0419_07	28112	18935	37774	36782	34782
MSD R4060007-4 WG2269759 1x	0419_08	27656	18755	37334	36337	34713
L1725304-10 WG2269759 1x	0419_12	25943	17342	35530	34127	32106

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated blank spike recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

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Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **2705326**

Lab Project # 2705326

Collected by (print): Parker Schroeder

Site/Facility ID # Circle K Store 2705326

P.O. # 2705326 - SC

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 1725304
A034

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B/ 40ml amber / MeOH	PAH 8270SIM / 4oz clear jar / NoPres	Remarks	Sample # (lab only)
SB-11-165	G	SS	~~165~~ 175	4/5/24	1138	2	X			-01
SB-11-170	G	SS	170	4/5/24	1151	2	X			-02
SB-11-175	G	SS	175	4/5/24	1236	2	X			-03
SB-11-180	G	SS	180	4/5/24	1317	2	X			-04
SB-11-185	G	SS	185	4/5/24	1344	2	X			-05
SB-11-190	G	SS	190	4/5/24	1437	2	X			-06
SB-11-195	G	SS	195	4/8/24	1316	2	X			-07
SB-11-200	G	SS	200	4/8/24	1321	2	X			-08
SB-11-210	G	SS	210	4/8/24	1436	2	X			-09
SB-11-215	G	SS	215	4/8/24	1552	2	X	X		-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: CSS added Trip Blank to page 2.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	
	4/10/24	1539			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
	4/11/2024	0923		OPA2 3.5 4.1 = 3.6	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
PNPA2	4-11-24	1805		4-12-24	8:30

Hold: Condition: NCF / OK

ENCORE

Billing Information: "

Report to: Shanda Wagner

Email To:

Project Description: CK 2705326

City/State Collected:

Please Circle: PT MT CT ET

Phone:

Client Project #

Lab Project # 2705326

Collected by (print): "

Site/Facility ID # 2705326

P.O. #

Collected by (signature): "

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Pres Chk

VOCs (8260B)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks	Sample # (lab only)
Trip Blank	-	-	-	4/11/24	-	1 ✓		-11

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 1725304

Table #

Acctnum: ENCOREGAL

Template:

Prelogin:

PM:

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	4/11/2024	0923			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	4-11-24	1800		DPA7 3.5+.1 3.6	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
DHL				4-12-24	8:30		

ANALYTICAL REPORT

April 26, 2024

EnCore Consulting, LLC.

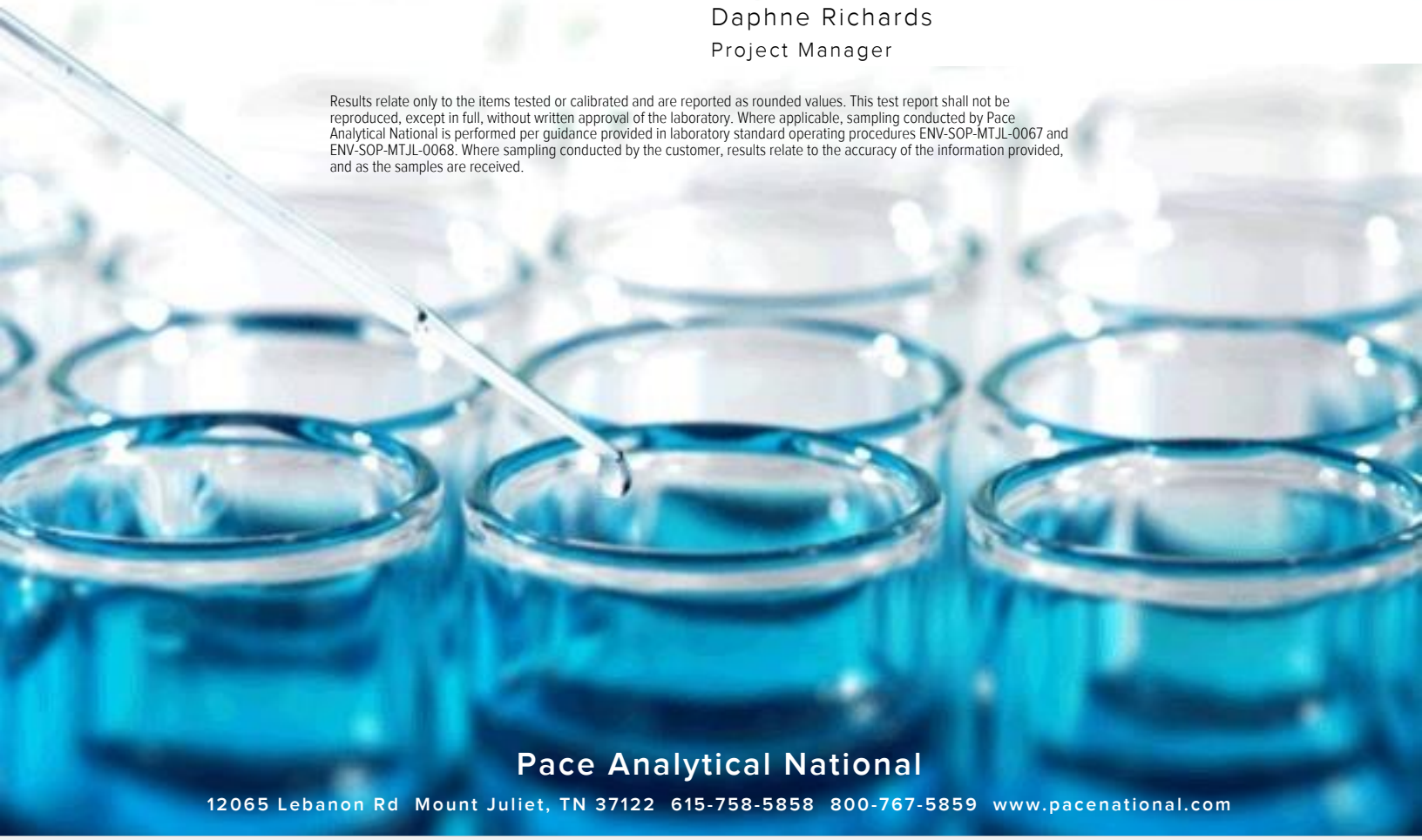
Sample Delivery Group:	L1727640
Samples Received:	04/19/2024
Project Number:	CK2705326
Description:	Circle K 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SB-12-175 L1727640-01 Solid

Collected by: Makinna Balasko | Collected date/time: 04/17/24 09:52 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/17/24 09:52	04/22/24 23:15	JHH	Mt. Juliet, TN

SB-12-180 L1727640-02 Solid

Collected by: Makinna Balasko | Collected date/time: 04/17/24 12:09 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1.08	04/17/24 12:09	04/22/24 23:35	JHH	Mt. Juliet, TN

SB-12-185 L1727640-03 Solid

Collected by: Makinna Balasko | Collected date/time: 04/17/24 14:03 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1.58	04/17/24 14:03	04/22/24 23:55	JHH	Mt. Juliet, TN

SB-12-190 L1727640-04 Solid

Collected by: Makinna Balasko | Collected date/time: 04/17/24 15:32 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/17/24 15:32	04/23/24 00:15	JHH	Mt. Juliet, TN

SB-12-195 L1727640-05 Solid

Collected by: Makinna Balasko | Collected date/time: 04/18/24 09:39 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/18/24 09:39	04/23/24 00:35	JHH	Mt. Juliet, TN

SB-12-200 L1727640-06 Solid

Collected by: Makinna Balasko | Collected date/time: 04/18/24 09:42 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/18/24 09:42	04/23/24 00:55	JHH	Mt. Juliet, TN

SB-12-205 L1727640-07 Solid

Collected by: Makinna Balasko | Collected date/time: 04/18/24 10:18 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/18/24 10:18	04/23/24 01:15	JHH	Mt. Juliet, TN

SB-12-210 L1727640-08 Solid

Collected by: Makinna Balasko | Collected date/time: 04/18/24 10:12 | Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/18/24 10:12	04/23/24 01:35	JHH	Mt. Juliet, TN

SB-12-215 L1727640-09 Solid

Collected by: Makinna Balasko
Collected date/time: 04/18/24 11:26
Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/18/24 11:26	04/23/24 01:55	JHH	Mt. Juliet, TN

SB-12-220 L1727640-10 Solid

Collected by: Makinna Balasko
Collected date/time: 04/18/24 11:32
Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2272045	1	04/18/24 11:32	04/23/24 02:15	JHH	Mt. Juliet, TN

TRIP BLANK L1727640-11 GW

Collected by: Makinna Balasko
Collected date/time: 04/18/24 00:00
Received date/time: 04/19/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2271711	1	04/22/24 11:21	04/22/24 11:21	DYW	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1727640-11	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/22/2024 23:15	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/22/2024 23:15	WG2272045
Benzene	U		0.0117	0.0250	1	04/22/2024 23:15	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/22/2024 23:15	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/22/2024 23:15	WG2272045
Bromoform	U		0.0293	0.625	1	04/22/2024 23:15	WG2272045
Bromomethane	U		0.0493	0.313	1	04/22/2024 23:15	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/22/2024 23:15	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/22/2024 23:15	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/22/2024 23:15	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/22/2024 23:15	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/22/2024 23:15	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/22/2024 23:15	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/22/2024 23:15	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/22/2024 23:15	WG2272045
Chloroethane	U		0.0425	0.125	1	04/22/2024 23:15	WG2272045
Chloroform	U		0.0258	0.0625	1	04/22/2024 23:15	WG2272045
Chloromethane	U		0.109	0.313	1	04/22/2024 23:15	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/22/2024 23:15	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/22/2024 23:15	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/22/2024 23:15	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/22/2024 23:15	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/22/2024 23:15	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/22/2024 23:15	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/22/2024 23:15	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/22/2024 23:15	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/22/2024 23:15	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/22/2024 23:15	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/22/2024 23:15	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/22/2024 23:15	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/22/2024 23:15	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/22/2024 23:15	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/22/2024 23:15	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/22/2024 23:15	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/22/2024 23:15	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/22/2024 23:15	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/22/2024 23:15	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/22/2024 23:15	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/22/2024 23:15	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/22/2024 23:15	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/22/2024 23:15	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/22/2024 23:15	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/22/2024 23:15	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/22/2024 23:15	WG2272045
n-Hexane	U		0.0565	0.125	1	04/22/2024 23:15	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/22/2024 23:15	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/22/2024 23:15	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/22/2024 23:15	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/22/2024 23:15	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/22/2024 23:15	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/22/2024 23:15	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/22/2024 23:15	WG2272045
Naphthalene	U		0.122	0.313	1	04/22/2024 23:15	WG2272045
Propene	U	R7	0.153	1.25	1	04/22/2024 23:15	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/22/2024 23:15	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/22/2024 23:15	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/22/2024 23:15	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/22/2024 23:15	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/22/2024 23:15	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/22/2024 23:15	WG2272045
Toluene	U		0.0325	0.125	1	04/22/2024 23:15	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/22/2024 23:15	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/22/2024 23:15	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/22/2024 23:15	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/22/2024 23:15	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/22/2024 23:15	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/22/2024 23:15	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/22/2024 23:15	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/22/2024 23:15	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/22/2024 23:15	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/22/2024 23:15	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/22/2024 23:15	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/22/2024 23:15	WG2272045
(S) Toluene-d8	*107*			*75.0-131*		*04/22/2024 23:15*	WG2272045
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/22/2024 23:15*	WG2272045
(S) 1,2-Dichloroethane-d4	*88.7*			*70.0-130*		*04/22/2024 23:15*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.986	1.35	1.08	04/22/2024 23:35	WG2272045
Acrylonitrile	U		0.0975	0.338	1.08	04/22/2024 23:35	WG2272045
Benzene	U		0.0126	0.0270	1.08	04/22/2024 23:35	WG2272045
Bromobenzene	U		0.0243	0.338	1.08	04/22/2024 23:35	WG2272045
Bromodichloromethane	U		0.0196	0.0675	1.08	04/22/2024 23:35	WG2272045
Bromoform	U		0.0316	0.675	1.08	04/22/2024 23:35	WG2272045
Bromomethane	U		0.0532	0.338	1.08	04/22/2024 23:35	WG2272045
1,3-Butadiene	U		0.139	0.675	1.08	04/22/2024 23:35	WG2272045
n-Butylbenzene	U		0.142	0.338	1.08	04/22/2024 23:35	WG2272045
sec-Butylbenzene	U		0.0778	0.338	1.08	04/22/2024 23:35	WG2272045
tert-Butylbenzene	U		0.0527	0.135	1.08	04/22/2024 23:35	WG2272045
Carbon disulfide	U		0.0189	0.338	1.08	04/22/2024 23:35	WG2272045
Carbon tetrachloride	U		0.0242	0.135	1.08	04/22/2024 23:35	WG2272045
Chlorobenzene	U		0.00567	0.0675	1.08	04/22/2024 23:35	WG2272045
Chlorodibromomethane	U		0.0165	0.0675	1.08	04/22/2024 23:35	WG2272045
Chloroethane	U		0.0459	0.135	1.08	04/22/2024 23:35	WG2272045
Chloroform	U		0.0278	0.0675	1.08	04/22/2024 23:35	WG2272045
Chloromethane	U		0.117	0.338	1.08	04/22/2024 23:35	WG2272045
2-Chlorotoluene	U		0.0234	0.0675	1.08	04/22/2024 23:35	WG2272045
4-Chlorotoluene	U		0.0122	0.135	1.08	04/22/2024 23:35	WG2272045
Cyclohexane	U		0.0300	0.0675	1.08	04/22/2024 23:35	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.105	0.675	1.08	04/22/2024 23:35	WG2272045
1,2-Dibromoethane	U		0.0175	0.0675	1.08	04/22/2024 23:35	WG2272045
Dibromomethane	U		0.0203	0.135	1.08	04/22/2024 23:35	WG2272045
1,2-Dichlorobenzene	U		0.0115	0.135	1.08	04/22/2024 23:35	WG2272045
1,3-Dichlorobenzene	U		0.0162	0.135	1.08	04/22/2024 23:35	WG2272045
1,4-Dichlorobenzene	U		0.0189	0.135	1.08	04/22/2024 23:35	WG2272045
Dichlorodifluoromethane	U		0.0435	0.0675	1.08	04/22/2024 23:35	WG2272045
1,1-Dichloroethane	U		0.0133	0.0675	1.08	04/22/2024 23:35	WG2272045
1,2-Dichloroethane	U		0.0175	0.0675	1.08	04/22/2024 23:35	WG2272045
1,1-Dichloroethene	U		0.0164	0.0675	1.08	04/22/2024 23:35	WG2272045
cis-1,2-Dichloroethene	U		0.0198	0.0675	1.08	04/22/2024 23:35	WG2272045
trans-1,2-Dichloroethene	U		0.0281	0.135	1.08	04/22/2024 23:35	WG2272045
1,2-Dichloropropane	U		0.0383	0.135	1.08	04/22/2024 23:35	WG2272045
1,1-Dichloropropene	U		0.0218	0.0675	1.08	04/22/2024 23:35	WG2272045
1,3-Dichloropropane	U		0.0135	0.135	1.08	04/22/2024 23:35	WG2272045
cis-1,3-Dichloropropene	U		0.0204	0.0675	1.08	04/22/2024 23:35	WG2272045
trans-1,3-Dichloropropene	U		0.0308	0.135	1.08	04/22/2024 23:35	WG2272045
2,2-Dichloropropane	U		0.0373	0.0675	1.08	04/22/2024 23:35	WG2272045
Dicyclopentadiene	U		0.0446	0.338	1.08	04/22/2024 23:35	WG2272045
Di-isopropyl ether	U	L1	0.0111	0.0270	1.08	04/22/2024 23:35	WG2272045
Ethylbenzene	U		0.0199	0.0675	1.08	04/22/2024 23:35	WG2272045
4-Ethyltoluene	U		0.0626	0.135	1.08	04/22/2024 23:35	WG2272045
Hexachloro-1,3-butadiene	U		0.162	0.675	1.08	04/22/2024 23:35	WG2272045
n-Hexane	U		0.0610	0.135	1.08	04/22/2024 23:35	WG2272045
Isopropylbenzene	U		0.0115	0.0675	1.08	04/22/2024 23:35	WG2272045
p-Isopropyltoluene	U		0.0689	0.135	1.08	04/22/2024 23:35	WG2272045
2-Butanone (MEK)	U		1.71	2.70	1.08	04/22/2024 23:35	WG2272045
Methylene Chloride	U		0.179	0.675	1.08	04/22/2024 23:35	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0616	0.675	1.08	04/22/2024 23:35	WG2272045
Methyl tert-butyl ether	U		0.00945	0.0270	1.08	04/22/2024 23:35	WG2272045
Methyl Cyclohexane	U		0.0556	0.135	1.08	04/22/2024 23:35	WG2272045
Naphthalene	U		0.132	0.338	1.08	04/22/2024 23:35	WG2272045
Propene	U	R7	0.165	1.35	1.08	04/22/2024 23:35	WG2272045
n-Propylbenzene	U		0.0257	0.135	1.08	04/22/2024 23:35	WG2272045
Styrene	U	L1	0.00618	0.338	1.08	04/22/2024 23:35	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0256	0.0675	1.08	04/22/2024 23:35	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0188	0.0675	1.08	04/22/2024 23:35	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0204	0.0675	1.08	04/22/2024 23:35	WG2272045
Tetrachloroethene	U		0.0242	0.0675	1.08	04/22/2024 23:35	WG2272045
Toluene	U		0.0351	0.135	1.08	04/22/2024 23:35	WG2272045
1,2,3-Trichlorobenzene	U		0.198	0.338	1.08	04/22/2024 23:35	WG2272045
1,2,4-Trichlorobenzene	U		0.119	0.338	1.08	04/22/2024 23:35	WG2272045
1,1,1-Trichloroethane	U		0.0249	0.0675	1.08	04/22/2024 23:35	WG2272045
1,1,2-Trichloroethane	U		0.0161	0.0675	1.08	04/22/2024 23:35	WG2272045
Trichloroethene	U	L1	0.0158	0.0270	1.08	04/22/2024 23:35	WG2272045
Trichlorofluoromethane	U		0.0223	0.0675	1.08	04/22/2024 23:35	WG2272045
1,2,3-Trichloropropane	U		0.0437	0.338	1.08	04/22/2024 23:35	WG2272045
1,2,4-Trimethylbenzene	U		0.0427	0.135	1.08	04/22/2024 23:35	WG2272045
1,2,3-Trimethylbenzene	U		0.0427	0.135	1.08	04/22/2024 23:35	WG2272045
1,3,5-Trimethylbenzene	U		0.0540	0.135	1.08	04/22/2024 23:35	WG2272045
Vinyl chloride	U		0.0313	0.0675	1.08	04/22/2024 23:35	WG2272045
Xylenes, Total	U		0.0238	0.176	1.08	04/22/2024 23:35	WG2272045
(S) Toluene-d8	*106*			*75.0-131*		*04/22/2024 23:35*	WG2272045
(S) 4-Bromofluorobenzene	*99.2*			*67.0-138*		*04/22/2024 23:35*	WG2272045
(S) 1,2-Dichloroethane-d4	*89.1*			*70.0-130*		*04/22/2024 23:35*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		1.44	1.98	1.58	04/22/2024 23:55	WG2272045
Acrylonitrile	U		0.143	0.494	1.58	04/22/2024 23:55	WG2272045
Benzene	U		0.0184	0.0395	1.58	04/22/2024 23:55	WG2272045
Bromobenzene	U		0.0355	0.494	1.58	04/22/2024 23:55	WG2272045
Bromodichloromethane	U		0.0286	0.0988	1.58	04/22/2024 23:55	WG2272045
Bromoform	U		0.0462	0.988	1.58	04/22/2024 23:55	WG2272045
Bromomethane	U		0.0778	0.494	1.58	04/22/2024 23:55	WG2272045
1,3-Butadiene	U		0.203	0.988	1.58	04/22/2024 23:55	WG2272045
n-Butylbenzene	U		0.207	0.494	1.58	04/22/2024 23:55	WG2272045
sec-Butylbenzene	U		0.114	0.494	1.58	04/22/2024 23:55	WG2272045
tert-Butylbenzene	U		0.0770	0.198	1.58	04/22/2024 23:55	WG2272045
Carbon disulfide	U		0.0277	0.494	1.58	04/22/2024 23:55	WG2272045
Carbon tetrachloride	U		0.0355	0.198	1.58	04/22/2024 23:55	WG2272045
Chlorobenzene	U		0.00829	0.0988	1.58	04/22/2024 23:55	WG2272045
Chlorodibromomethane	U		0.0242	0.0988	1.58	04/22/2024 23:55	WG2272045
Chloroethane	U		0.0672	0.198	1.58	04/22/2024 23:55	WG2272045
Chloroform	U		0.0407	0.0988	1.58	04/22/2024 23:55	WG2272045
Chloromethane	U		0.172	0.494	1.58	04/22/2024 23:55	WG2272045
2-Chlorotoluene	U		0.0342	0.0988	1.58	04/22/2024 23:55	WG2272045
4-Chlorotoluene	U		0.0178	0.198	1.58	04/22/2024 23:55	WG2272045
Cyclohexane	U		0.0438	0.0988	1.58	04/22/2024 23:55	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.154	0.988	1.58	04/22/2024 23:55	WG2272045
1,2-Dibromoethane	U		0.0256	0.0988	1.58	04/22/2024 23:55	WG2272045
Dibromomethane	U		0.0296	0.198	1.58	04/22/2024 23:55	WG2272045
1,2-Dichlorobenzene	U		0.0168	0.198	1.58	04/22/2024 23:55	WG2272045
1,3-Dichlorobenzene	U		0.0237	0.198	1.58	04/22/2024 23:55	WG2272045
1,4-Dichlorobenzene	U		0.0277	0.198	1.58	04/22/2024 23:55	WG2272045
Dichlorodifluoromethane	U		0.0636	0.0988	1.58	04/22/2024 23:55	WG2272045
1,1-Dichloroethane	U		0.0194	0.0988	1.58	04/22/2024 23:55	WG2272045
1,2-Dichloroethane	U		0.0256	0.0988	1.58	04/22/2024 23:55	WG2272045
1,1-Dichloroethene	U		0.0239	0.0988	1.58	04/22/2024 23:55	WG2272045
cis-1,2-Dichloroethene	U		0.0290	0.0988	1.58	04/22/2024 23:55	WG2272045
trans-1,2-Dichloroethene	U		0.0411	0.198	1.58	04/22/2024 23:55	WG2272045
1,2-Dichloropropane	U		0.0561	0.198	1.58	04/22/2024 23:55	WG2272045
1,1-Dichloropropene	U		0.0320	0.0988	1.58	04/22/2024 23:55	WG2272045
1,3-Dichloropropane	U		0.0198	0.198	1.58	04/22/2024 23:55	WG2272045
cis-1,3-Dichloropropene	U		0.0299	0.0988	1.58	04/22/2024 23:55	WG2272045
trans-1,3-Dichloropropene	U		0.0450	0.198	1.58	04/22/2024 23:55	WG2272045
2,2-Dichloropropane	U		0.0545	0.0988	1.58	04/22/2024 23:55	WG2272045
Dicyclopentadiene	U		0.0652	0.494	1.58	04/22/2024 23:55	WG2272045
Di-isopropyl ether	U	L1	0.0162	0.0395	1.58	04/22/2024 23:55	WG2272045
Ethylbenzene	U		0.0291	0.0988	1.58	04/22/2024 23:55	WG2272045
4-Ethyltoluene	U		0.0916	0.198	1.58	04/22/2024 23:55	WG2272045
Hexachloro-1,3-butadiene	U		0.237	0.988	1.58	04/22/2024 23:55	WG2272045
n-Hexane	U		0.0893	0.198	1.58	04/22/2024 23:55	WG2272045
Isopropylbenzene	U		0.0168	0.0988	1.58	04/22/2024 23:55	WG2272045
p-Isopropyltoluene	U		0.101	0.198	1.58	04/22/2024 23:55	WG2272045
2-Butanone (MEK)	U		2.51	3.95	1.58	04/22/2024 23:55	WG2272045
Methylene Chloride	U		0.262	0.988	1.58	04/22/2024 23:55	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0901	0.988	1.58	04/22/2024 23:55	WG2272045
Methyl tert-butyl ether	U		0.0138	0.0395	1.58	04/22/2024 23:55	WG2272045
Methyl Cyclohexane	U		0.0814	0.198	1.58	04/22/2024 23:55	WG2272045
Naphthalene	U		0.193	0.494	1.58	04/22/2024 23:55	WG2272045
Propene	U	R7	0.242	1.98	1.58	04/22/2024 23:55	WG2272045
n-Propylbenzene	U		0.0375	0.198	1.58	04/22/2024 23:55	WG2272045
Styrene	U	L1	0.00905	0.494	1.58	04/22/2024 23:55	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0374	0.0988	1.58	04/22/2024 23:55	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0275	0.0988	1.58	04/22/2024 23:55	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0298	0.0988	1.58	04/22/2024 23:55	WG2272045
Tetrachloroethene	U		0.0354	0.0988	1.58	04/22/2024 23:55	WG2272045
Toluene	U		0.0514	0.198	1.58	04/22/2024 23:55	WG2272045
1,2,3-Trichlorobenzene	U		0.290	0.494	1.58	04/22/2024 23:55	WG2272045
1,2,4-Trichlorobenzene	U		0.174	0.494	1.58	04/22/2024 23:55	WG2272045
1,1,1-Trichloroethane	U		0.0365	0.0988	1.58	04/22/2024 23:55	WG2272045
1,1,2-Trichloroethane	U		0.0236	0.0988	1.58	04/22/2024 23:55	WG2272045
Trichloroethene	U	L1	0.0231	0.0395	1.58	04/22/2024 23:55	WG2272045
Trichlorofluoromethane	U		0.0327	0.0988	1.58	04/22/2024 23:55	WG2272045
1,2,3-Trichloropropane	U		0.0640	0.494	1.58	04/22/2024 23:55	WG2272045
1,2,4-Trimethylbenzene	U		0.0624	0.198	1.58	04/22/2024 23:55	WG2272045
1,2,3-Trimethylbenzene	U		0.0624	0.198	1.58	04/22/2024 23:55	WG2272045
1,3,5-Trimethylbenzene	U		0.0790	0.198	1.58	04/22/2024 23:55	WG2272045
Vinyl chloride	U		0.0458	0.0988	1.58	04/22/2024 23:55	WG2272045
Xylenes, Total	U		0.0348	0.257	1.58	04/22/2024 23:55	WG2272045
(S) Toluene-d8	*106*			*75.0-131*		*04/22/2024 23:55*	WG2272045
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*04/22/2024 23:55*	WG2272045
(S) 1,2-Dichloroethane-d4	*86.6*			*70.0-130*		*04/22/2024 23:55*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/23/2024 00:15	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/23/2024 00:15	WG2272045
Benzene	U		0.0117	0.0250	1	04/23/2024 00:15	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/23/2024 00:15	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/23/2024 00:15	WG2272045
Bromoform	U		0.0293	0.625	1	04/23/2024 00:15	WG2272045
Bromomethane	U		0.0493	0.313	1	04/23/2024 00:15	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/23/2024 00:15	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/23/2024 00:15	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/23/2024 00:15	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/23/2024 00:15	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/23/2024 00:15	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/23/2024 00:15	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/23/2024 00:15	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/23/2024 00:15	WG2272045
Chloroethane	U		0.0425	0.125	1	04/23/2024 00:15	WG2272045
Chloroform	U		0.0258	0.0625	1	04/23/2024 00:15	WG2272045
Chloromethane	U		0.109	0.313	1	04/23/2024 00:15	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/23/2024 00:15	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/23/2024 00:15	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/23/2024 00:15	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/23/2024 00:15	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/23/2024 00:15	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/23/2024 00:15	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/23/2024 00:15	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/23/2024 00:15	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/23/2024 00:15	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/23/2024 00:15	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/23/2024 00:15	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/23/2024 00:15	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/23/2024 00:15	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/23/2024 00:15	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/23/2024 00:15	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/23/2024 00:15	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/23/2024 00:15	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/23/2024 00:15	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/23/2024 00:15	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/23/2024 00:15	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/23/2024 00:15	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/23/2024 00:15	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/23/2024 00:15	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/23/2024 00:15	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/23/2024 00:15	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/23/2024 00:15	WG2272045
n-Hexane	U		0.0565	0.125	1	04/23/2024 00:15	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/23/2024 00:15	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/23/2024 00:15	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/23/2024 00:15	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/23/2024 00:15	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/23/2024 00:15	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/23/2024 00:15	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/23/2024 00:15	WG2272045
Naphthalene	U		0.122	0.313	1	04/23/2024 00:15	WG2272045
Propene	U	R7	0.153	1.25	1	04/23/2024 00:15	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/23/2024 00:15	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/23/2024 00:15	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/23/2024 00:15	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/23/2024 00:15	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/23/2024 00:15	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/23/2024 00:15	WG2272045
Toluene	U		0.0325	0.125	1	04/23/2024 00:15	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/23/2024 00:15	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/23/2024 00:15	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/23/2024 00:15	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/23/2024 00:15	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/23/2024 00:15	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/23/2024 00:15	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/23/2024 00:15	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 00:15	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 00:15	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/23/2024 00:15	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/23/2024 00:15	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/23/2024 00:15	WG2272045
(S) Toluene-d8	*106*			*75.0-131*		*04/23/2024 00:15*	WG2272045
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*04/23/2024 00:15*	WG2272045
(S) 1,2-Dichloroethane-d4	*87.0*			*70.0-130*		*04/23/2024 00:15*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/23/2024 00:35	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/23/2024 00:35	WG2272045
Benzene	U		0.0117	0.0250	1	04/23/2024 00:35	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/23/2024 00:35	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/23/2024 00:35	WG2272045
Bromoform	U		0.0293	0.625	1	04/23/2024 00:35	WG2272045
Bromomethane	U		0.0493	0.313	1	04/23/2024 00:35	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/23/2024 00:35	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/23/2024 00:35	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/23/2024 00:35	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/23/2024 00:35	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/23/2024 00:35	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/23/2024 00:35	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/23/2024 00:35	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/23/2024 00:35	WG2272045
Chloroethane	U		0.0425	0.125	1	04/23/2024 00:35	WG2272045
Chloroform	U		0.0258	0.0625	1	04/23/2024 00:35	WG2272045
Chloromethane	U		0.109	0.313	1	04/23/2024 00:35	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/23/2024 00:35	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/23/2024 00:35	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/23/2024 00:35	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/23/2024 00:35	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/23/2024 00:35	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/23/2024 00:35	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/23/2024 00:35	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/23/2024 00:35	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/23/2024 00:35	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/23/2024 00:35	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/23/2024 00:35	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/23/2024 00:35	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/23/2024 00:35	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/23/2024 00:35	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/23/2024 00:35	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/23/2024 00:35	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/23/2024 00:35	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/23/2024 00:35	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/23/2024 00:35	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/23/2024 00:35	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/23/2024 00:35	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/23/2024 00:35	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/23/2024 00:35	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/23/2024 00:35	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/23/2024 00:35	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/23/2024 00:35	WG2272045
n-Hexane	U		0.0565	0.125	1	04/23/2024 00:35	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/23/2024 00:35	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/23/2024 00:35	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/23/2024 00:35	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/23/2024 00:35	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/23/2024 00:35	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/23/2024 00:35	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/23/2024 00:35	WG2272045
Naphthalene	U		0.122	0.313	1	04/23/2024 00:35	WG2272045
Propene	U	R7	0.153	1.25	1	04/23/2024 00:35	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/23/2024 00:35	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/23/2024 00:35	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/23/2024 00:35	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/23/2024 00:35	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/23/2024 00:35	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/23/2024 00:35	WG2272045
Toluene	U		0.0325	0.125	1	04/23/2024 00:35	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/23/2024 00:35	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/23/2024 00:35	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/23/2024 00:35	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/23/2024 00:35	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/23/2024 00:35	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/23/2024 00:35	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/23/2024 00:35	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 00:35	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 00:35	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/23/2024 00:35	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/23/2024 00:35	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/23/2024 00:35	WG2272045
(S) Toluene-d8	*107*			*75.0-131*		*04/23/2024 00:35*	WG2272045
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*04/23/2024 00:35*	WG2272045
(S) 1,2-Dichloroethane-d4	*87.0*			*70.0-130*		*04/23/2024 00:35*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/23/2024 00:55	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/23/2024 00:55	WG2272045
Benzene	U		0.0117	0.0250	1	04/23/2024 00:55	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/23/2024 00:55	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/23/2024 00:55	WG2272045
Bromoform	U		0.0293	0.625	1	04/23/2024 00:55	WG2272045
Bromomethane	U		0.0493	0.313	1	04/23/2024 00:55	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/23/2024 00:55	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/23/2024 00:55	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/23/2024 00:55	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/23/2024 00:55	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/23/2024 00:55	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/23/2024 00:55	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/23/2024 00:55	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/23/2024 00:55	WG2272045
Chloroethane	U		0.0425	0.125	1	04/23/2024 00:55	WG2272045
Chloroform	U		0.0258	0.0625	1	04/23/2024 00:55	WG2272045
Chloromethane	U		0.109	0.313	1	04/23/2024 00:55	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/23/2024 00:55	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/23/2024 00:55	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/23/2024 00:55	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/23/2024 00:55	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/23/2024 00:55	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/23/2024 00:55	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/23/2024 00:55	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/23/2024 00:55	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/23/2024 00:55	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/23/2024 00:55	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/23/2024 00:55	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/23/2024 00:55	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/23/2024 00:55	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/23/2024 00:55	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/23/2024 00:55	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/23/2024 00:55	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/23/2024 00:55	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/23/2024 00:55	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/23/2024 00:55	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/23/2024 00:55	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/23/2024 00:55	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/23/2024 00:55	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/23/2024 00:55	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/23/2024 00:55	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/23/2024 00:55	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/23/2024 00:55	WG2272045
n-Hexane	U		0.0565	0.125	1	04/23/2024 00:55	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/23/2024 00:55	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/23/2024 00:55	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/23/2024 00:55	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/23/2024 00:55	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/23/2024 00:55	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/23/2024 00:55	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/23/2024 00:55	WG2272045
Naphthalene	U		0.122	0.313	1	04/23/2024 00:55	WG2272045
Propene	U	R7	0.153	1.25	1	04/23/2024 00:55	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/23/2024 00:55	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/23/2024 00:55	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/23/2024 00:55	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/23/2024 00:55	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/23/2024 00:55	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/23/2024 00:55	WG2272045
Toluene	U		0.0325	0.125	1	04/23/2024 00:55	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/23/2024 00:55	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/23/2024 00:55	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/23/2024 00:55	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/23/2024 00:55	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/23/2024 00:55	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/23/2024 00:55	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/23/2024 00:55	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 00:55	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 00:55	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/23/2024 00:55	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/23/2024 00:55	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/23/2024 00:55	WG2272045
(S) Toluene-d8	*107*			*75.0-131*		*04/23/2024 00:55*	WG2272045
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/23/2024 00:55*	WG2272045
(S) 1,2-Dichloroethane-d4	*87.9*			*70.0-130*		*04/23/2024 00:55*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/23/2024 01:15	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/23/2024 01:15	WG2272045
Benzene	U		0.0117	0.0250	1	04/23/2024 01:15	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/23/2024 01:15	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/23/2024 01:15	WG2272045
Bromoform	U		0.0293	0.625	1	04/23/2024 01:15	WG2272045
Bromomethane	U		0.0493	0.313	1	04/23/2024 01:15	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/23/2024 01:15	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/23/2024 01:15	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/23/2024 01:15	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/23/2024 01:15	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/23/2024 01:15	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/23/2024 01:15	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/23/2024 01:15	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/23/2024 01:15	WG2272045
Chloroethane	U		0.0425	0.125	1	04/23/2024 01:15	WG2272045
Chloroform	U		0.0258	0.0625	1	04/23/2024 01:15	WG2272045
Chloromethane	U		0.109	0.313	1	04/23/2024 01:15	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/23/2024 01:15	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/23/2024 01:15	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/23/2024 01:15	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/23/2024 01:15	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/23/2024 01:15	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/23/2024 01:15	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/23/2024 01:15	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/23/2024 01:15	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/23/2024 01:15	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/23/2024 01:15	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/23/2024 01:15	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/23/2024 01:15	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/23/2024 01:15	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/23/2024 01:15	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/23/2024 01:15	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/23/2024 01:15	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/23/2024 01:15	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/23/2024 01:15	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/23/2024 01:15	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/23/2024 01:15	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/23/2024 01:15	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/23/2024 01:15	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/23/2024 01:15	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/23/2024 01:15	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/23/2024 01:15	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/23/2024 01:15	WG2272045
n-Hexane	U		0.0565	0.125	1	04/23/2024 01:15	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/23/2024 01:15	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/23/2024 01:15	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/23/2024 01:15	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/23/2024 01:15	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/23/2024 01:15	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/23/2024 01:15	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/23/2024 01:15	WG2272045
Naphthalene	U		0.122	0.313	1	04/23/2024 01:15	WG2272045
Propene	U	R7	0.153	1.25	1	04/23/2024 01:15	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/23/2024 01:15	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/23/2024 01:15	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/23/2024 01:15	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/23/2024 01:15	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/23/2024 01:15	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/23/2024 01:15	WG2272045
Toluene	U		0.0325	0.125	1	04/23/2024 01:15	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/23/2024 01:15	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/23/2024 01:15	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/23/2024 01:15	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/23/2024 01:15	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/23/2024 01:15	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/23/2024 01:15	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/23/2024 01:15	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 01:15	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 01:15	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/23/2024 01:15	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/23/2024 01:15	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/23/2024 01:15	WG2272045
(S) Toluene-d8	*106*			*75.0-131*		*04/23/2024 01:15*	WG2272045
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*04/23/2024 01:15*	WG2272045
(S) 1,2-Dichloroethane-d4	*87.6*			*70.0-130*		*04/23/2024 01:15*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/23/2024 01:35	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/23/2024 01:35	WG2272045
Benzene	U		0.0117	0.0250	1	04/23/2024 01:35	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/23/2024 01:35	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/23/2024 01:35	WG2272045
Bromoform	U		0.0293	0.625	1	04/23/2024 01:35	WG2272045
Bromomethane	U		0.0493	0.313	1	04/23/2024 01:35	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/23/2024 01:35	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/23/2024 01:35	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/23/2024 01:35	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/23/2024 01:35	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/23/2024 01:35	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/23/2024 01:35	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/23/2024 01:35	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/23/2024 01:35	WG2272045
Chloroethane	U		0.0425	0.125	1	04/23/2024 01:35	WG2272045
Chloroform	U		0.0258	0.0625	1	04/23/2024 01:35	WG2272045
Chloromethane	U		0.109	0.313	1	04/23/2024 01:35	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/23/2024 01:35	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/23/2024 01:35	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/23/2024 01:35	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/23/2024 01:35	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/23/2024 01:35	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/23/2024 01:35	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/23/2024 01:35	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/23/2024 01:35	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/23/2024 01:35	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/23/2024 01:35	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/23/2024 01:35	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/23/2024 01:35	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/23/2024 01:35	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/23/2024 01:35	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/23/2024 01:35	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/23/2024 01:35	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/23/2024 01:35	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/23/2024 01:35	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/23/2024 01:35	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/23/2024 01:35	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/23/2024 01:35	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/23/2024 01:35	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/23/2024 01:35	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/23/2024 01:35	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/23/2024 01:35	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/23/2024 01:35	WG2272045
n-Hexane	U		0.0565	0.125	1	04/23/2024 01:35	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/23/2024 01:35	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/23/2024 01:35	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/23/2024 01:35	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/23/2024 01:35	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/23/2024 01:35	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/23/2024 01:35	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/23/2024 01:35	WG2272045
Naphthalene	U		0.122	0.313	1	04/23/2024 01:35	WG2272045
Propene	U	R7	0.153	1.25	1	04/23/2024 01:35	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/23/2024 01:35	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/23/2024 01:35	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/23/2024 01:35	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/23/2024 01:35	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/23/2024 01:35	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/23/2024 01:35	WG2272045
Toluene	U		0.0325	0.125	1	04/23/2024 01:35	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/23/2024 01:35	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/23/2024 01:35	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/23/2024 01:35	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/23/2024 01:35	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/23/2024 01:35	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/23/2024 01:35	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/23/2024 01:35	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 01:35	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 01:35	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/23/2024 01:35	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/23/2024 01:35	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/23/2024 01:35	WG2272045
(S) Toluene-d8	*106*			*75.0-131*		*04/23/2024 01:35*	WG2272045
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*04/23/2024 01:35*	WG2272045
(S) 1,2-Dichloroethane-d4	*88.2*			*70.0-130*		*04/23/2024 01:35*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/23/2024 01:55	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/23/2024 01:55	WG2272045
Benzene	U		0.0117	0.0250	1	04/23/2024 01:55	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/23/2024 01:55	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/23/2024 01:55	WG2272045
Bromoform	U		0.0293	0.625	1	04/23/2024 01:55	WG2272045
Bromomethane	U		0.0493	0.313	1	04/23/2024 01:55	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/23/2024 01:55	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/23/2024 01:55	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/23/2024 01:55	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/23/2024 01:55	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/23/2024 01:55	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/23/2024 01:55	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/23/2024 01:55	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/23/2024 01:55	WG2272045
Chloroethane	U		0.0425	0.125	1	04/23/2024 01:55	WG2272045
Chloroform	U		0.0258	0.0625	1	04/23/2024 01:55	WG2272045
Chloromethane	U		0.109	0.313	1	04/23/2024 01:55	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/23/2024 01:55	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/23/2024 01:55	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/23/2024 01:55	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/23/2024 01:55	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/23/2024 01:55	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/23/2024 01:55	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/23/2024 01:55	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/23/2024 01:55	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/23/2024 01:55	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/23/2024 01:55	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/23/2024 01:55	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/23/2024 01:55	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/23/2024 01:55	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/23/2024 01:55	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/23/2024 01:55	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/23/2024 01:55	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/23/2024 01:55	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/23/2024 01:55	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/23/2024 01:55	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/23/2024 01:55	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/23/2024 01:55	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/23/2024 01:55	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/23/2024 01:55	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/23/2024 01:55	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/23/2024 01:55	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/23/2024 01:55	WG2272045
n-Hexane	U		0.0565	0.125	1	04/23/2024 01:55	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/23/2024 01:55	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/23/2024 01:55	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/23/2024 01:55	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/23/2024 01:55	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/23/2024 01:55	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/23/2024 01:55	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/23/2024 01:55	WG2272045
Naphthalene	U		0.122	0.313	1	04/23/2024 01:55	WG2272045
Propene	U	R7	0.153	1.25	1	04/23/2024 01:55	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/23/2024 01:55	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/23/2024 01:55	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/23/2024 01:55	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/23/2024 01:55	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/23/2024 01:55	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/23/2024 01:55	WG2272045
Toluene	U		0.0325	0.125	1	04/23/2024 01:55	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/23/2024 01:55	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/23/2024 01:55	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/23/2024 01:55	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/23/2024 01:55	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/23/2024 01:55	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/23/2024 01:55	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/23/2024 01:55	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 01:55	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 01:55	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/23/2024 01:55	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/23/2024 01:55	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/23/2024 01:55	WG2272045
(S) Toluene-d8	*106*			*75.0-131*		*04/23/2024 01:55*	WG2272045
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*04/23/2024 01:55*	WG2272045
(S) 1,2-Dichloroethane-d4	*86.9*			*70.0-130*		*04/23/2024 01:55*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.913	1.25	1	04/23/2024 02:15	WG2272045
Acrylonitrile	U		0.0903	0.313	1	04/23/2024 02:15	WG2272045
Benzene	U		0.0117	0.0250	1	04/23/2024 02:15	WG2272045
Bromobenzene	U		0.0225	0.313	1	04/23/2024 02:15	WG2272045
Bromodichloromethane	U		0.0181	0.0625	1	04/23/2024 02:15	WG2272045
Bromoform	U		0.0293	0.625	1	04/23/2024 02:15	WG2272045
Bromomethane	U		0.0493	0.313	1	04/23/2024 02:15	WG2272045
1,3-Butadiene	U		0.128	0.625	1	04/23/2024 02:15	WG2272045
n-Butylbenzene	U		0.131	0.313	1	04/23/2024 02:15	WG2272045
sec-Butylbenzene	U		0.0720	0.313	1	04/23/2024 02:15	WG2272045
tert-Butylbenzene	U		0.0488	0.125	1	04/23/2024 02:15	WG2272045
Carbon disulfide	U		0.0175	0.313	1	04/23/2024 02:15	WG2272045
Carbon tetrachloride	U		0.0225	0.125	1	04/23/2024 02:15	WG2272045
Chlorobenzene	U		0.00525	0.0625	1	04/23/2024 02:15	WG2272045
Chlorodibromomethane	U		0.0153	0.0625	1	04/23/2024 02:15	WG2272045
Chloroethane	U		0.0425	0.125	1	04/23/2024 02:15	WG2272045
Chloroform	U		0.0258	0.0625	1	04/23/2024 02:15	WG2272045
Chloromethane	U		0.109	0.313	1	04/23/2024 02:15	WG2272045
2-Chlorotoluene	U		0.0216	0.0625	1	04/23/2024 02:15	WG2272045
4-Chlorotoluene	U		0.0113	0.125	1	04/23/2024 02:15	WG2272045
Cyclohexane	U		0.0278	0.0625	1	04/23/2024 02:15	WG2272045
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625	1	04/23/2024 02:15	WG2272045
1,2-Dibromoethane	U		0.0162	0.0625	1	04/23/2024 02:15	WG2272045
Dibromomethane	U		0.0188	0.125	1	04/23/2024 02:15	WG2272045
1,2-Dichlorobenzene	U		0.0106	0.125	1	04/23/2024 02:15	WG2272045
1,3-Dichlorobenzene	U		0.0150	0.125	1	04/23/2024 02:15	WG2272045
1,4-Dichlorobenzene	U		0.0175	0.125	1	04/23/2024 02:15	WG2272045
Dichlorodifluoromethane	U		0.0403	0.0625	1	04/23/2024 02:15	WG2272045
1,1-Dichloroethane	U		0.0123	0.0625	1	04/23/2024 02:15	WG2272045
1,2-Dichloroethane	U		0.0162	0.0625	1	04/23/2024 02:15	WG2272045
1,1-Dichloroethene	U		0.0152	0.0625	1	04/23/2024 02:15	WG2272045
cis-1,2-Dichloroethene	U		0.0184	0.0625	1	04/23/2024 02:15	WG2272045
trans-1,2-Dichloroethene	U		0.0260	0.125	1	04/23/2024 02:15	WG2272045
1,2-Dichloropropane	U		0.0355	0.125	1	04/23/2024 02:15	WG2272045
1,1-Dichloropropene	U		0.0202	0.0625	1	04/23/2024 02:15	WG2272045
1,3-Dichloropropane	U		0.0125	0.125	1	04/23/2024 02:15	WG2272045
cis-1,3-Dichloropropene	U		0.0189	0.0625	1	04/23/2024 02:15	WG2272045
trans-1,3-Dichloropropene	U		0.0285	0.125	1	04/23/2024 02:15	WG2272045
2,2-Dichloropropane	U		0.0345	0.0625	1	04/23/2024 02:15	WG2272045
Dicyclopentadiene	U		0.0413	0.313	1	04/23/2024 02:15	WG2272045
Di-isopropyl ether	U	L1	0.0103	0.0250	1	04/23/2024 02:15	WG2272045
Ethylbenzene	U		0.0184	0.0625	1	04/23/2024 02:15	WG2272045
4-Ethyltoluene	U		0.0580	0.125	1	04/23/2024 02:15	WG2272045
Hexachloro-1,3-butadiene	U		0.150	0.625	1	04/23/2024 02:15	WG2272045
n-Hexane	U		0.0565	0.125	1	04/23/2024 02:15	WG2272045
Isopropylbenzene	U		0.0106	0.0625	1	04/23/2024 02:15	WG2272045
p-Isopropyltoluene	U		0.0638	0.125	1	04/23/2024 02:15	WG2272045
2-Butanone (MEK)	U		1.59	2.50	1	04/23/2024 02:15	WG2272045
Methylene Chloride	U		0.166	0.625	1	04/23/2024 02:15	WG2272045
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625	1	04/23/2024 02:15	WG2272045
Methyl tert-butyl ether	U		0.00875	0.0250	1	04/23/2024 02:15	WG2272045
Methyl Cyclohexane	U		0.0515	0.125	1	04/23/2024 02:15	WG2272045
Naphthalene	U		0.122	0.313	1	04/23/2024 02:15	WG2272045
Propene	U	R7	0.153	1.25	1	04/23/2024 02:15	WG2272045
n-Propylbenzene	U		0.0238	0.125	1	04/23/2024 02:15	WG2272045
Styrene	U	L1	0.00573	0.313	1	04/23/2024 02:15	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625	1	04/23/2024 02:15	WG2272045
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625	1	04/23/2024 02:15	WG2272045
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625	1	04/23/2024 02:15	WG2272045
Tetrachloroethene	U		0.0224	0.0625	1	04/23/2024 02:15	WG2272045
Toluene	U		0.0325	0.125	1	04/23/2024 02:15	WG2272045
1,2,3-Trichlorobenzene	U		0.183	0.313	1	04/23/2024 02:15	WG2272045
1,2,4-Trichlorobenzene	U		0.110	0.313	1	04/23/2024 02:15	WG2272045
1,1,1-Trichloroethane	U		0.0231	0.0625	1	04/23/2024 02:15	WG2272045
1,1,2-Trichloroethane	U		0.0149	0.0625	1	04/23/2024 02:15	WG2272045
Trichloroethene	U	L1	0.0146	0.0250	1	04/23/2024 02:15	WG2272045
Trichlorofluoromethane	U		0.0207	0.0625	1	04/23/2024 02:15	WG2272045
1,2,3-Trichloropropane	U		0.0405	0.313	1	04/23/2024 02:15	WG2272045
1,2,4-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 02:15	WG2272045
1,2,3-Trimethylbenzene	U		0.0395	0.125	1	04/23/2024 02:15	WG2272045
1,3,5-Trimethylbenzene	U		0.0500	0.125	1	04/23/2024 02:15	WG2272045
Vinyl chloride	U		0.0290	0.0625	1	04/23/2024 02:15	WG2272045
Xylenes, Total	U		0.0220	0.163	1	04/23/2024 02:15	WG2272045
(S) Toluene-d8	*105*			*75.0-131*		*04/23/2024 02:15*	WG2272045
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*04/23/2024 02:15*	WG2272045
(S) 1,2-Dichloroethane-d4	*87.6*			*70.0-130*		*04/23/2024 02:15*	WG2272045

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	04/22/2024 11:21	WG2271711
Acrolein	U		2.54	50.0	1	04/22/2024 11:21	WG2271711
Acrylonitrile	U		0.671	10.0	1	04/22/2024 11:21	WG2271711
Benzene	U		0.0941	1.00	1	04/22/2024 11:21	WG2271711
Bromobenzene	U		0.118	1.00	1	04/22/2024 11:21	WG2271711
Bromodichloromethane	U		0.136	1.00	1	04/22/2024 11:21	WG2271711
Bromoform	U		0.129	1.00	1	04/22/2024 11:21	WG2271711
Bromomethane	U		0.605	5.00	1	04/22/2024 11:21	WG2271711
1,3-Butadiene	U		0.299	2.00	1	04/22/2024 11:21	WG2271711
n-Butylbenzene	U		0.157	1.00	1	04/22/2024 11:21	WG2271711
sec-Butylbenzene	U		0.125	1.00	1	04/22/2024 11:21	WG2271711
tert-Butylbenzene	U		0.127	1.00	1	04/22/2024 11:21	WG2271711
Carbon tetrachloride	U		0.128	1.00	1	04/22/2024 11:21	WG2271711
Carbon disulfide	U		0.0962	1.00	1	04/22/2024 11:21	WG2271711
Chlorobenzene	U		0.116	1.00	1	04/22/2024 11:21	WG2271711
Chlorodibromomethane	U		0.140	1.00	1	04/22/2024 11:21	WG2271711
Chloroethane	U		0.192	5.00	1	04/22/2024 11:21	WG2271711
Chloroform	U		0.111	5.00	1	04/22/2024 11:21	WG2271711
Chloromethane	U		0.960	2.50	1	04/22/2024 11:21	WG2271711
Cyclohexane	U		0.188	1.00	1	04/22/2024 11:21	WG2271711
2-Chlorotoluene	U		0.106	1.00	1	04/22/2024 11:21	WG2271711
4-Chlorotoluene	U		0.114	1.00	1	04/22/2024 11:21	WG2271711
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	04/22/2024 11:21	WG2271711
1,2-Dibromoethane	U		0.126	1.00	1	04/22/2024 11:21	WG2271711
Dibromomethane	U		0.122	1.00	1	04/22/2024 11:21	WG2271711
1,2-Dichlorobenzene	U		0.107	1.00	1	04/22/2024 11:21	WG2271711
1,3-Dichlorobenzene	U		0.110	1.00	1	04/22/2024 11:21	WG2271711
1,4-Dichlorobenzene	U		0.120	1.00	1	04/22/2024 11:21	WG2271711
Dichlorodifluoromethane	U		0.374	5.00	1	04/22/2024 11:21	WG2271711
1,1-Dichloroethane	U		0.100	1.00	1	04/22/2024 11:21	WG2271711
1,2-Dichloroethane	U		0.0819	1.00	1	04/22/2024 11:21	WG2271711
1,1-Dichloroethene	U		0.188	1.00	1	04/22/2024 11:21	WG2271711
cis-1,2-Dichloroethene	U		0.126	1.00	1	04/22/2024 11:21	WG2271711
trans-1,2-Dichloroethene	U		0.149	1.00	1	04/22/2024 11:21	WG2271711
1,2-Dichloropropane	U		0.149	1.00	1	04/22/2024 11:21	WG2271711
1,1-Dichloropropene	U		0.142	1.00	1	04/22/2024 11:21	WG2271711
1,3-Dichloropropane	U		0.110	1.00	1	04/22/2024 11:21	WG2271711
cis-1,3-Dichloropropene	U		0.111	1.00	1	04/22/2024 11:21	WG2271711
trans-1,3-Dichloropropene	U		0.118	1.00	1	04/22/2024 11:21	WG2271711
2,2-Dichloropropane	U		0.161	1.00	1	04/22/2024 11:21	WG2271711
Dicyclopentadiene	U		0.253	1.00	1	04/22/2024 11:21	WG2271711
Di-isopropyl ether	U		0.105	1.00	1	04/22/2024 11:21	WG2271711
Ethylbenzene	U		0.137	1.00	1	04/22/2024 11:21	WG2271711
4-Ethyltoluene	U		0.208	1.00	1	04/22/2024 11:21	WG2271711
Hexachloro-1,3-butadiene	U		0.337	1.00	1	04/22/2024 11:21	WG2271711
n-Hexane	U		0.749	10.0	1	04/22/2024 11:21	WG2271711
Isopropylbenzene	U		0.105	1.00	1	04/22/2024 11:21	WG2271711
p-Isopropyltoluene	U	L2	0.120	1.00	1	04/22/2024 11:21	WG2271711
2-Butanone (MEK)	U		1.19	10.0	1	04/22/2024 11:21	WG2271711
Methyl Cyclohexane	U		0.660	1.00	1	04/22/2024 11:21	WG2271711
Methylene Chloride	U		0.430	5.00	1	04/22/2024 11:21	WG2271711
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	04/22/2024 11:21	WG2271711
Methyl tert-butyl ether	U		0.101	1.00	1	04/22/2024 11:21	WG2271711
Naphthalene	U		1.00	5.00	1	04/22/2024 11:21	WG2271711
Propene	U		0.936	2.50	1	04/22/2024 11:21	WG2271711
n-Propylbenzene	U		0.0993	1.00	1	04/22/2024 11:21	WG2271711

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	04/22/2024 11:21	WG2271711
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	04/22/2024 11:21	WG2271711
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	04/22/2024 11:21	WG2271711
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	04/22/2024 11:21	WG2271711
Tetrachloroethene	U		0.300	1.00	1	04/22/2024 11:21	WG2271711
Toluene	U		0.278	1.00	1	04/22/2024 11:21	WG2271711
1,2,3-Trichlorobenzene	U		0.230	1.00	1	04/22/2024 11:21	WG2271711
1,2,4-Trichlorobenzene	U		0.481	1.00	1	04/22/2024 11:21	WG2271711
1,1,1-Trichloroethane	U		0.149	1.00	1	04/22/2024 11:21	WG2271711
1,1,2-Trichloroethane	U		0.158	1.00	1	04/22/2024 11:21	WG2271711
Trichloroethene	U		0.190	1.00	1	04/22/2024 11:21	WG2271711
Trichlorofluoromethane	U		0.160	5.00	1	04/22/2024 11:21	WG2271711
1,2,3-Trichloropropane	U		0.237	2.50	1	04/22/2024 11:21	WG2271711
1,2,4-Trimethylbenzene	U	L2	0.322	1.00	1	04/22/2024 11:21	WG2271711
1,2,3-Trimethylbenzene	U		0.104	1.00	1	04/22/2024 11:21	WG2271711
1,3,5-Trimethylbenzene	U		0.104	1.00	1	04/22/2024 11:21	WG2271711
Vinyl chloride	U		0.234	1.00	1	04/22/2024 11:21	WG2271711
Xylenes, Total	U		0.174	3.00	1	04/22/2024 11:21	WG2271711
(S) Toluene-d8	*109*			*80.0-120*		*04/22/2024 11:21*	WG2271711
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*		*04/22/2024 11:21*	WG2271711
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/22/2024 11:21*	WG2271711

Method Blank (MB)

(MB) R4061684-3 04/22/24 07:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4061684-3 04/22/24 07:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*111*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4061684-1 04/22/24 06:27 • (LCSD) R4061684-2 04/22/24 06:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	28.3	29.2	113	117	19.0-160			3.13	27
Acrolein	25.0	24.2	24.3	96.8	97.2	30.0-160			0.412	26
Acrylonitrile	25.0	25.0	26.7	100	107	55.0-149			6.58	20
Benzene	5.00	4.22	4.39	84.4	87.8	70.0-123			3.95	20
Bromobenzene	5.00	4.15	4.27	83.0	85.4	73.0-121			2.85	20
Bromodichloromethane	5.00	4.34	4.78	86.8	95.6	75.0-120			9.65	20
Bromoform	5.00	5.19	5.60	104	112	68.0-132			7.60	20
Bromomethane	5.00	5.83	5.40	117	108	30.0-160			7.66	25
1,3-Butadiene	5.00	5.28	5.18	106	104	45.0-147			1.91	20
n-Butylbenzene	5.00	3.78	3.84	75.6	76.8	73.0-125			1.57	20
sec-Butylbenzene	5.00	3.98	4.15	79.6	83.0	75.0-125			4.18	20
tert-Butylbenzene	5.00	3.96	4.00	79.2	80.0	76.0-124			1.01	20
Carbon tetrachloride	5.00	5.08	5.05	102	101	68.0-126			0.592	20
Carbon disulfide	5.00	3.73	3.85	74.6	77.0	61.0-128			3.17	20
Chlorobenzene	5.00	4.65	4.96	93.0	99.2	80.0-121			6.45	20
Chlorodibromomethane	5.00	4.80	4.98	96.0	99.6	77.0-125			3.68	20
Chloroethane	5.00	4.85	4.72	97.0	94.4	47.0-150			2.72	20
Chloroform	5.00	4.59	4.64	91.8	92.8	73.0-120			1.08	20
Chloromethane	5.00	4.86	5.11	97.2	102	41.0-142			5.02	20
Cyclohexane	5.00	4.23	4.05	84.6	81.0	71.0-124			4.35	20
2-Chlorotoluene	5.00	4.26	4.36	85.2	87.2	76.0-123			2.32	20
4-Chlorotoluene	5.00	3.94	4.12	78.8	82.4	75.0-122			4.47	20
1,2-Dibromo-3-Chloropropane	5.00	4.61	4.49	92.2	89.8	58.0-134			2.64	20
1,2-Dibromoethane	5.00	4.75	5.03	95.0	101	80.0-122			5.73	20
Dibromomethane	5.00	4.78	5.22	95.6	104	80.0-120			8.80	20
1,2-Dichlorobenzene	5.00	4.69	4.66	93.8	93.2	79.0-121			0.642	20
1,3-Dichlorobenzene	5.00	4.74	4.71	94.8	94.2	79.0-120			0.635	20
1,4-Dichlorobenzene	5.00	4.61	4.71	92.2	94.2	79.0-120			2.15	20
Dichlorodifluoromethane	5.00	5.49	5.32	110	106	51.0-149			3.15	20
1,1-Dichloroethane	5.00	4.34	4.57	86.8	91.4	70.0-126			5.16	20
1,2-Dichloroethane	5.00	4.97	5.08	99.4	102	70.0-128			2.19	20
1,1-Dichloroethene	5.00	4.47	4.34	89.4	86.8	71.0-124			2.95	20
cis-1,2-Dichloroethene	5.00	4.11	4.39	82.2	87.8	73.0-120			6.59	20
trans-1,2-Dichloroethene	5.00	4.25	4.33	85.0	86.6	73.0-120			1.86	20
1,2-Dichloropropane	5.00	4.60	4.80	92.0	96.0	77.0-125			4.26	20
1,1-Dichloropropene	5.00	4.36	4.37	87.2	87.4	74.0-126			0.229	20
1,3-Dichloropropane	5.00	4.51	4.64	90.2	92.8	80.0-120			2.84	20
cis-1,3-Dichloropropene	5.00	4.23	4.54	84.6	90.8	80.0-123			7.07	20
trans-1,3-Dichloropropene	5.00	4.39	4.54	87.8	90.8	78.0-124			3.36	20
2,2-Dichloropropane	5.00	4.67	4.64	93.4	92.8	58.0-130			0.644	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4061684-1 04/22/24 06:27 • (LCSD) R4061684-2 04/22/24 06:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	3.83	3.89	76.6	77.8	74.0-126			1.55	20
Di-isopropyl ether	5.00	4.83	4.94	96.6	98.8	58.0-138			2.25	20
Ethylbenzene	5.00	4.57	4.51	91.4	90.2	79.0-123			1.32	20
4-Ethyltoluene	5.00	3.73	4.03	74.6	80.6	74.0-127			7.73	20
Hexachloro-1,3-butadiene	5.00	5.12	5.03	102	101	54.0-138			1.77	20
n-Hexane	5.00	5.11	4.90	102	98.0	57.0-133			4.20	20
Isopropylbenzene	5.00	4.23	4.52	84.6	90.4	76.0-127			6.63	20
p-Isopropyltoluene	5.00	3.75	3.89	75.0	77.8	76.0-125	L2		3.66	20
2-Butanone (MEK)	25.0	26.7	28.3	107	113	44.0-160			5.82	20
Methyl Cyclohexane	5.00	3.95	4.00	79.0	80.0	68.0-126			1.26	20
Methylene Chloride	5.00	4.49	4.70	89.8	94.0	67.0-120			4.57	20
4-Methyl-2-pentanone (MIBK)	25.0	26.8	27.5	107	110	68.0-142			2.58	20
Methyl tert-butyl ether	5.00	4.17	4.28	83.4	85.6	68.0-125			2.60	20
Naphthalene	5.00	3.45	3.52	69.0	70.4	54.0-135			2.01	20
Propene	5.00	3.05	3.00	61.0	60.0	30.0-160			1.65	20
n-Propylbenzene	5.00	3.98	4.05	79.6	81.0	77.0-124			1.74	20
Styrene	5.00	4.25	4.40	85.0	88.0	73.0-130			3.47	20
1,1,1,2-Tetrachloroethane	5.00	5.04	5.00	101	100	75.0-125			0.797	20
1,1,2,2-Tetrachloroethane	5.00	4.48	4.53	89.6	90.6	65.0-130			1.11	20
1,1,2-Trichlorotrifluoroethane	5.00	5.21	5.54	104	111	69.0-132			6.14	20
Tetrachloroethene	5.00	5.02	5.06	100	101	72.0-132			0.794	20
Toluene	5.00	4.46	4.38	89.2	87.6	79.0-120			1.81	20
1,2,3-Trichlorobenzene	5.00	4.46	4.68	89.2	93.6	50.0-138			4.81	20
1,2,4-Trichlorobenzene	5.00	4.38	4.91	87.6	98.2	57.0-137			11.4	20
1,1,1-Trichloroethane	5.00	4.74	5.02	94.8	100	73.0-124			5.74	20
1,1,2-Trichloroethane	5.00	4.99	4.99	99.8	99.8	80.0-120			0.000	20
Trichloroethene	5.00	4.78	4.85	95.6	97.0	78.0-124			1.45	20
Trichlorofluoromethane	5.00	6.76	6.62	135	132	59.0-147			2.09	20
1,2,3-Trichloropropane	5.00	4.90	4.95	98.0	99.0	73.0-130			1.02	20
1,2,4-Trimethylbenzene	5.00	3.71	3.89	74.2	77.8	76.0-121	L2		4.74	20
1,2,3-Trimethylbenzene	5.00	4.11	4.02	82.2	80.4	77.0-120			2.21	20
1,3,5-Trimethylbenzene	5.00	3.98	4.12	79.6	82.4	76.0-122			3.46	20
Vinyl chloride	5.00	4.23	4.00	84.6	80.0	67.0-131			5.59	20
Xylenes, Total	15.0	12.8	13.7	85.3	91.3	79.0-123			6.79	20
(S) Toluene-d8				*106*	*108*	*80.0-120*				
(S) 4-Bromofluorobenzene				*93.9*	*97.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R4060781-3 04/22/24 18:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
Cyclohexane	U		0.0278	0.0625
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R4060781-3 04/22/24 18:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Methyl Cyclohexane	U		0.0515	0.125
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*87.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4060781-1 04/22/24 17:14 • (LCSD) R4060781-2 04/22/24 17:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.724	0.712	116	114	30.0-160			1.67	31
Acrylonitrile	0.625	0.789	0.794	126	127	45.0-153			0.632	22
Benzene	0.125	0.145	0.148	116	118	70.0-123			2.05	20
Bromobenzene	0.125	0.133	0.129	106	103	73.0-121			3.05	20
Bromodichloromethane	0.125	0.117	0.116	93.6	92.8	73.0-121			0.858	20
Bromoform	0.125	0.122	0.121	97.6	96.8	64.0-132			0.823	20
Bromomethane	0.125	0.107	0.114	85.6	91.2	56.0-147			6.33	20
1,3-Butadiene	0.125	0.125	0.126	100	101	32.0-150			0.797	20
n-Butylbenzene	0.125	0.121	0.116	96.8	92.8	68.0-135			4.22	20
sec-Butylbenzene	0.125	0.131	0.123	105	98.4	74.0-130			6.30	20
tert-Butylbenzene	0.125	0.132	0.124	106	99.2	75.0-127			6.25	20
Carbon disulfide	0.125	0.117	0.118	93.6	94.4	56.0-133			0.851	20
Carbon tetrachloride	0.125	0.136	0.149	109	119	66.0-128			9.12	20
Chlorobenzene	0.125	0.151	0.139	121	111	76.0-128			8.28	20
Chlorodibromomethane	0.125	0.138	0.132	110	106	74.0-127			4.44	20
Chloroethane	0.125	0.105	0.106	84.0	84.8	61.0-134			0.948	20
Chloroform	0.125	0.130	0.130	104	104	72.0-123			0.000	20
Chloromethane	0.125	0.142	0.142	114	114	51.0-138			0.000	20
2-Chlorotoluene	0.125	0.140	0.132	112	106	75.0-124			5.88	20
4-Chlorotoluene	0.125	0.125	0.120	100	96.0	75.0-124			4.08	20
Cyclohexane	0.125	0.0970	0.103	77.6	82.4	70.0-130			6.00	20
1,2-Dibromo-3-Chloropropane	0.125	0.0942	0.0957	75.4	76.6	59.0-130			1.58	20
1,2-Dibromoethane	0.125	0.137	0.131	110	105	74.0-128			4.48	20
Dibromomethane	0.125	0.123	0.128	98.4	102	75.0-122			3.98	20
1,2-Dichlorobenzene	0.125	0.127	0.121	102	96.8	76.0-124			4.84	20
1,3-Dichlorobenzene	0.125	0.128	0.125	102	100	76.0-125			2.37	20
1,4-Dichlorobenzene	0.125	0.126	0.117	101	93.6	77.0-121			7.41	20
Dichlorodifluoromethane	0.125	0.156	0.157	125	126	43.0-156			0.639	20
1,1-Dichloroethane	0.125	0.139	0.143	111	114	70.0-127			2.84	20
1,2-Dichloroethane	0.125	0.134	0.139	107	111	65.0-131			3.66	20
1,1-Dichloroethene	0.125	0.147	0.147	118	118	65.0-131			0.000	20
cis-1,2-Dichloroethene	0.125	0.132	0.136	106	109	73.0-125			2.99	20
trans-1,2-Dichloroethene	0.125	0.132	0.127	106	102	71.0-125			3.86	20
1,2-Dichloropropane	0.125	0.144	0.150	115	120	74.0-125			4.08	20
1,1-Dichloropropene	0.125	0.131	0.128	105	102	73.0-125			2.32	20
1,3-Dichloropropane	0.125	0.146	0.142	117	114	80.0-125			2.78	20
cis-1,3-Dichloropropene	0.125	0.130	0.131	104	105	76.0-127			0.766	20
trans-1,3-Dichloropropene	0.125	0.122	0.124	97.6	99.2	73.0-127			1.63	20
2,2-Dichloropropane	0.125	0.112	0.122	89.6	97.6	59.0-135			8.55	20
Dicyclopentadiene	0.125	0.119	0.111	95.2	88.8	71.0-132			6.96	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4060781-1 04/22/24 17:14 • (LCSD) R4060781-2 04/22/24 17:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.169	0.173	135	138	60.0-136		L1	2.34	20
Ethylbenzene	0.125	0.139	0.131	111	105	74.0-126			5.93	20
4-Ethyltoluene	0.125	0.129	0.121	103	96.8	71.0-129			6.40	20
Hexachloro-1,3-butadiene	0.125	0.113	0.109	90.4	87.2	57.0-150			3.60	20
n-Hexane	0.125	0.148	0.153	118	122	55.0-137			3.32	20
Isopropylbenzene	0.125	0.142	0.137	114	110	72.0-127			3.58	20
p-Isopropyltoluene	0.125	0.125	0.122	100	97.6	72.0-133			2.43	20
2-Butanone (MEK)	0.625	0.629	0.588	101	94.1	30.0-160			6.74	24
Methylene Chloride	0.125	0.128	0.125	102	100	68.0-123			2.37	20
4-Methyl-2-pentanone (MIBK)	0.625	0.807	0.769	129	123	56.0-143			4.82	20
Methyl tert-butyl ether	0.125	0.124	0.123	99.2	98.4	66.0-132			0.810	20
Methyl Cyclohexane	0.125	0.124	0.122	99.2	97.6	67.0-129			1.63	20
Naphthalene	0.125	0.0969	0.0953	77.5	76.2	59.0-130			1.66	20
Propene	0.125	0.0542	0.0710	43.4	56.8	30.0-160		R7	26.8	20
n-Propylbenzene	0.125	0.131	0.121	105	96.8	74.0-126			7.94	20
Styrene	0.125	0.171	0.153	137	122	72.0-127	L1		11.1	20
1,1,1,2-Tetrachloroethane	0.125	0.137	0.134	110	107	74.0-129			2.21	20
1,1,2,2-Tetrachloroethane	0.125	0.126	0.118	101	94.4	68.0-128			6.56	20
1,1,2-Trichlorotrifluoroethane	0.125	0.130	0.129	104	103	61.0-139			0.772	20
Tetrachloroethene	0.125	0.137	0.131	110	105	70.0-136			4.48	20
Toluene	0.125	0.140	0.131	112	105	75.0-121			6.64	20
1,2,3-Trichlorobenzene	0.125	0.103	0.107	82.4	85.6	59.0-139			3.81	20
1,2,4-Trichlorobenzene	0.125	0.113	0.103	90.4	82.4	62.0-137			9.26	20
1,1,1-Trichloroethane	0.125	0.136	0.136	109	109	69.0-126			0.000	20
1,1,2-Trichloroethane	0.125	0.130	0.123	104	98.4	78.0-123			5.53	20
Trichloroethene	0.125	0.159	0.166	127	133	76.0-126	L1	L1	4.31	20
Trichlorofluoromethane	0.125	0.128	0.133	102	106	61.0-142			3.83	20
1,2,3-Trichloropropane	0.125	0.130	0.117	104	93.6	67.0-129			10.5	20
1,2,4-Trimethylbenzene	0.125	0.111	0.111	88.8	88.8	70.0-126			0.000	20
1,2,3-Trimethylbenzene	0.125	0.117	0.111	93.6	88.8	74.0-124			5.26	20
1,3,5-Trimethylbenzene	0.125	0.113	0.107	90.4	85.6	73.0-127			5.45	20
Vinyl chloride	0.125	0.120	0.129	96.0	103	63.0-134			7.23	20
Xylenes, Total	0.375	0.387	0.364	103	97.1	72.0-127			6.13	20
(S) Toluene-d8				*108*	*105*	*75.0-131*				
(S) 4-Bromofluorobenzene				*101*	*103*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*91.5*	*98.7*	*70.0-130*				

L1726291-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1726291-01 04/22/24 21:15 • (MS) R4060781-4 04/23/24 03:56 • (MSD) R4060781-5 04/23/24 04:16

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	U	1.71	1.48	274	237	1	10.0-160	M1	M1	14.4	40
Acrylonitrile	0.625	U	0.874	0.812	140	130	1	10.0-160			7.35	40
Benzene	0.125	U	0.170	0.158	136	126	1	10.0-149			7.32	37
Bromobenzene	0.125	U	0.150	0.154	120	123	1	10.0-156			2.63	38
Bromodichloromethane	0.125	U	0.129	0.124	103	99.2	1	10.0-143			3.95	37
Bromoform	0.125	U	0.123	0.122	98.4	97.6	1	10.0-146			0.816	36
Bromomethane	0.125	U	0.0959	0.0907	76.7	72.6	1	10.0-149			5.57	38
1,3-Butadiene	0.125	U	0.145	0.133	116	106	1	10.0-137			8.63	36
n-Butylbenzene	0.125	U	0.141	0.143	113	114	1	10.0-160			1.41	40
sec-Butylbenzene	0.125	U	0.150	0.148	120	118	1	10.0-159			1.34	39
tert-Butylbenzene	0.125	U	0.148	0.142	118	114	1	10.0-156			4.14	39
Carbon disulfide	0.125	U	0.115	0.109	92.0	87.2	1	10.0-145			5.36	39
Carbon tetrachloride	0.125	U	0.163	0.158	130	126	1	10.0-145			3.12	37
Chlorobenzene	0.125	U	0.166	0.162	133	130	1	10.0-152			2.44	39
Chlorodibromomethane	0.125	U	0.141	0.143	113	114	1	10.0-146			1.41	37
Chloroethane	0.125	U	0.0852	0.0805	68.2	64.4	1	10.0-146			5.67	40
Chloroform	0.125	U	0.151	0.141	121	113	1	10.0-146			6.85	37
Chloromethane	0.125	U	0.158	0.146	126	117	1	10.0-159			7.89	37
2-Chlorotoluene	0.125	U	0.138	0.149	110	119	1	10.0-159			7.67	38
4-Chlorotoluene	0.125	U	0.130	0.140	104	112	1	10.0-155			7.41	39
Cyclohexane	0.125	U	0.149	0.139	119	111	1	10.0-157			6.94	32
1,2-Dibromo-3-Chloropropane	0.125	U	U	U	75.1	75.7	1	10.0-151			0.743	39
1,2-Dibromoethane	0.125	U	0.152	0.144	122	115	1	10.0-148			5.41	34
Dibromomethane	0.125	U	0.140	0.129	112	103	1	10.0-147			8.18	35
1,2-Dichlorobenzene	0.125	U	0.149	0.144	119	115	1	10.0-155			3.41	37
1,3-Dichlorobenzene	0.125	U	0.151	0.149	121	119	1	10.0-153			1.33	38
1,4-Dichlorobenzene	0.125	U	0.141	0.137	113	110	1	10.0-151			2.88	38
Dichlorodifluoromethane	0.125	U	0.187	0.174	150	139	1	10.0-160			7.20	35
1,1-Dichloroethane	0.125	U	0.159	0.149	127	119	1	10.0-147			6.49	37
1,2-Dichloroethane	0.125	U	0.151	0.139	121	111	1	10.0-148			8.28	35
1,1-Dichloroethene	0.125	U	0.166	0.160	133	128	1	10.0-155			3.68	37
cis-1,2-Dichloroethene	0.125	U	0.149	0.145	119	116	1	10.0-149			2.72	37
trans-1,2-Dichloroethene	0.125	U	0.149	0.137	119	110	1	10.0-150			8.39	37
1,2-Dichloropropane	0.125	U	0.166	0.158	133	126	1	10.0-148			4.94	37
1,1-Dichloropropene	0.125	U	0.157	0.139	126	111	1	10.0-153			12.2	35
1,3-Dichloropropane	0.125	U	0.160	0.157	128	126	1	10.0-154			1.89	35
cis-1,3-Dichloropropene	0.125	U	0.150	0.142	120	114	1	10.0-151			5.48	37
trans-1,3-Dichloropropene	0.125	U	0.139	0.139	111	111	1	10.0-148			0.000	37
2,2-Dichloropropane	0.125	U	0.111	0.103	88.8	82.4	1	10.0-138			7.48	36
Dicyclopentadiene	0.125	U	0.131	0.127	105	102	1	12.0-152			3.10	34

L1726291-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1726291-01 04/22/24 21:15 • (MS) R4060781-4 04/23/24 03:56 • (MSD) R4060781-5 04/23/24 04:16

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	U	0.201	0.189	161	151	1	10.0-147	M1	M1	6.15	36
Ethylbenzene	0.125	U	0.156	0.152	125	122	1	10.0-160			2.60	38
4-Ethyltoluene	0.125	U	0.147	0.142	118	114	1	10.0-156			3.46	32
Hexachloro-1,3-butadiene	0.125	U	U	U	110	114	1	10.0-160			3.58	40
n-Hexane	0.125	U	0.177	0.165	142	132	1	10.0-157			7.02	37
Isopropylbenzene	0.125	U	0.165	0.164	132	131	1	10.0-155			0.608	38
p-Isopropyltoluene	0.125	U	0.148	0.146	118	117	1	10.0-160			1.36	40
2-Butanone (MEK)	0.625	U	U	U	65.3	73.9	1	10.0-160			12.4	40
Methylene Chloride	0.125	U	U	U	114	107	1	10.0-141			5.80	37
4-Methyl-2-pentanone (MIBK)	0.625	U	0.829	0.800	133	128	1	10.0-160			3.56	35
Methyl tert-butyl ether	0.125	U	0.130	0.121	104	96.8	1	11.0-147			7.17	35
Methyl Cyclohexane	0.125	U	0.144	0.135	115	108	1	10.0-160			6.45	33
Naphthalene	0.125	U	U	U	92.0	96.0	1	10.0-160			4.26	36
Propene	0.125	U	U	U	61.9	65.0	1	10.0-160			4.91	35
n-Propylbenzene	0.125	U	0.148	0.143	118	114	1	10.0-158			3.44	38
Styrene	0.125	U	0.188	0.178	150	142	1	10.0-160			5.46	40
1,1,1,2-Tetrachloroethane	0.125	U	0.149	0.146	119	117	1	10.0-149			2.03	39
1,1,2,2-Tetrachloroethane	0.125	U	0.132	0.127	106	102	1	10.0-160			3.86	35
1,1,2-Trichlorotrifluoroethane	0.125	U	0.145	0.143	116	114	1	10.0-160			1.39	36
Tetrachloroethene	0.125	U	0.161	0.152	129	122	1	10.0-156			5.75	39
Toluene	0.125	U	0.156	0.153	125	122	1	10.0-156			1.94	38
1,2,3-Trichlorobenzene	0.125	U	U	U	110	110	1	10.0-160			0.000	40
1,2,4-Trichlorobenzene	0.125	U	0.144	0.149	115	119	1	10.0-160			3.41	40
1,1,1-Trichloroethane	0.125	U	0.159	0.148	127	118	1	10.0-144			7.17	35
1,1,2-Trichloroethane	0.125	U	0.143	0.142	114	114	1	10.0-160			0.702	35
Trichloroethene	0.125	U	0.190	0.174	152	139	1	10.0-156			8.79	38
Trichlorofluoromethane	0.125	U	0.0704	0.0685	56.3	54.8	1	10.0-160			2.74	40
1,2,3-Trichloropropane	0.125	U	0.128	0.129	102	103	1	10.0-156			0.778	35
1,2,4-Trimethylbenzene	0.125	U	0.129	0.126	103	101	1	10.0-160			2.35	36
1,2,3-Trimethylbenzene	0.125	U	0.131	0.127	105	102	1	10.0-160			3.10	36
1,3,5-Trimethylbenzene	0.125	U	0.131	0.129	105	103	1	10.0-160			1.54	38
Vinyl chloride	0.125	U	0.140	0.127	112	102	1	10.0-160			9.74	37
Xylenes, Total	0.375	U	0.436	0.423	116	113	1	10.0-160			3.03	38
(S) Toluene-d8					*106*	*105*		*75.0-131*				
(S) 4-Bromofluorobenzene					*102*	*101*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*94.9*	*89.9*		*70.0-130*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS37 • File ID: 0422_26

04/22/24 17:14

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0422_26	897509.80	378571.90	336490.10
Upper Limit		1795020	757144	672980
Lower Limit		448755	189286	168245
LCS R4060781-1 WG2272045 1x	0422_26LCSC	897509.80	378571.90	336490.10
LCSD R4060781-2 WG2272045 1x	0422_27C	842632.20	381614	347088.90
BLANK R4060781-3 WG2272045 1x	0422_31C	937740.40	389110.60	354251.20
L1727640-01 WG2272045 1x	0422_44	940639.50	394988.60	353728.50
L1727640-02 WG2272045 1.08x	0422_45	901479.10	379940.40	340228.50
L1727640-03 WG2272045 1.58x	0422_46	918771.70	383221.20	344911.10
L1727640-04 WG2272045 1x	0422_47	910135.20	378646.20	340279.60
L1727640-05 WG2272045 1x	0422_48	916998.60	376994.70	341041.10
L1727640-06 WG2272045 1x	0422_49	929494.90	383212.70	350648.50
L1727640-07 WG2272045 1x	0422_50	896449.10	373359.80	331282.30
L1727640-08 WG2272045 1x	0422_51	938088.90	395785.10	348984.10
L1727640-09 WG2272045 1x	0422_52	939043.10	395160.60	346687.80
L1727640-10 WG2272045 1x	0422_53	941998.60	398419.20	354428.50
MS R4060781-4 WG2272045 1x	0422_58	877319.60	399145.50	360599.30
MSD R4060781-5 WG2272045 1x	0422_59	924405.70	403687.30	365368

INTERNAL STANDARD SUMMARY

Instrument: VOCMS16 • File ID: 0422_02

04/22/24 06:27

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0422_02	373629	148544	122904
Upper Limit		747258	297088	245808
Lower Limit		186815	74272	61452
LCS R4061684-1 WG2271711 1x	0422_02LCS	373629	148544	122904
LCSD R4061684-2 WG2271711 1x	0422_03	374455	149216	124110
BLANK R4061684-3 WG2271711 1x	0422_06	345677	126949	100459
L1727640-11 WG2271711 1x	0422_08	349098	131058	103265

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: Circle K Store 2705326

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # CK2705326

Lab Project #

Collected by (print): Makinna Bellasko

Site/Facility ID # CK2705326

P.O. # CK2705326SBS

Collected by (signature): Makinna Bellasko

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: normal TAT

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1727640

A143

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B/ 40ml amber / MeOH	PAH 8270SIM / 4oz clear jar / NoPres	Remarks	Sample # (lab only)
SB-12-175	G	SS	175	04/17/24	0952	2	X	X		-01
SB-12-180	G	SS	180	04/17/24	1209	2	X	X		-02
SB-12-185	G	SS	185	04/17/24	1403	2	X	X		-03
SB-12-190	G	SS	190	04/17/24	1532	2	X	X		-04
SB-12-195	G	SS	195	04/18/24	0939	2	X	X		-05
SB-12-200	G	SS	200	04/18/24	0942	2	X	X		-06
SB-12-205	G	SS	205	04/18/24	1018	2	X	X		-07
SB-12-210	G	SS	210	04/18/24	1012	2	X	X		-08
SB-12-215	G	SS	215	04/18/24	1126	2	X	X		-09
SB-12-220	G	SS	220	04/18/24	1132	2	X	X		-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: hold PAHs

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Makinna Bellasko	04/18/24	1235	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	4/18/24	1605	Amber Carter
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
Amber Carter	4/18/24	1802	

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: 0P AC °C Bottles Received: 2 37.2 2.4

If preservation required by Login: Date/Time

Date: 4-19-24 Time: 8:00

Hold:

Condition: NCF / OK

PNPH2

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1727640

Table #

Acctnum: ENCORETAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: **Chino Valley, AZ**

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project #

Collected by (print): **Makinna Bolasko**

Site/Facility ID # **Circle K Store 2705326**

P.O. # CK2705326 SBS

Collected by (signature):

Immediately Packed on Ice N ____ Y X

Rush? (Lab MUST Be Notified)
____ Same Day ____ Five Day
____ Next Day ____ 5 Day (Rad Only)
____ Two Day ____ 10 Day (Rad Only)
____ Three Day

Quote # **00107122**

Date Results Needed: normal TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B	PAH 8270SIM	Remarks	Sample # (lab only)
trip blank	—	—	—	—	—	1	X			-11

Pres Chk

Analysis / Container / Preservative

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N

	Date:	Time:	
Relinquished by : (Signature)	04/18/24	1235	Received by: (Signature)
Relinquished by : (Signature)	4/18/24	1605	Received by: (Signature)
Relinquished by : (Signature)	4/18/24	1800 SWH	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: °C Bottles Received: DPAb 2.3+1=2.4

Date: 4-19-24 Time: 8:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

DUP#2

GROUNDWATER (MW-1, MW-3-MW-7)

ANALYTICAL REPORT

March 03, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1711229
Samples Received:	03/02/2024
Project Number:	CK2705326
Description:	Circle K 2705326

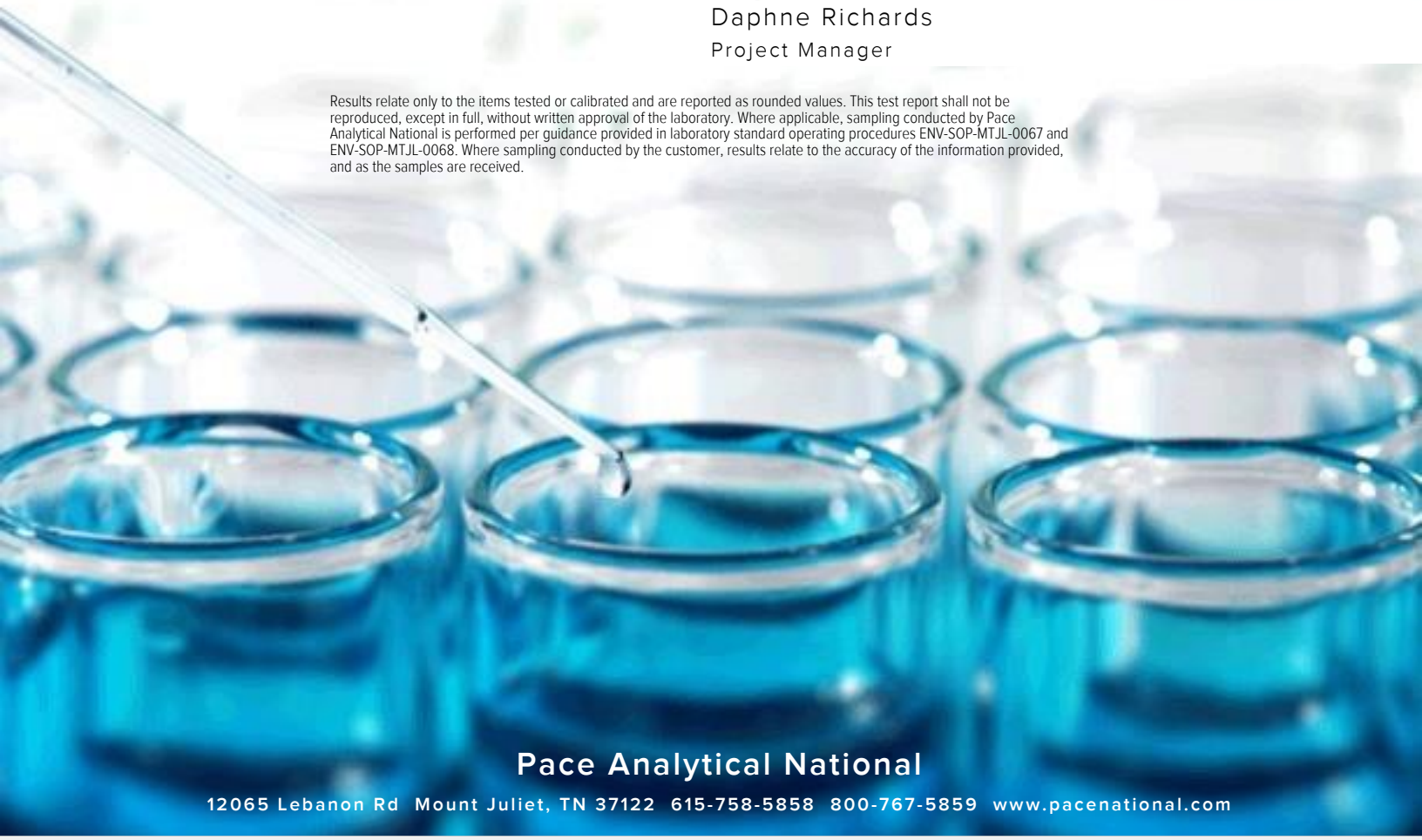
Report To: Shanda Wagner
950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

MW-1 L1711229-01 GW

Collected by: Shanda Wagner
Collected date/time: 02/29/24 14:25
Received date/time: 03/02/24 14:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2238460	1	03/03/24 00:46	03/03/24 00:46	JAH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2238477	1	03/03/24 05:06	03/03/24 09:45	ALM	Mt. Juliet, TN

TRIP BLANK L1711229-02 GW

Collected by: Shanda Wagner
Collected date/time: 02/29/24 14:25
Received date/time: 03/02/24 14:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2238460	1	03/03/24 00:24	03/03/24 00:24	JAH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1711229-01	MW-1	8270C-SIM, 8260B
L1711229-02	TRIP BLANK	8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/03/2024 00:46	WG2238460
Acrolein	U		2.54	50.0	1	03/03/2024 00:46	WG2238460
Acrylonitrile	U		0.671	10.0	1	03/03/2024 00:46	WG2238460
Benzene	U		0.0941	1.00	1	03/03/2024 00:46	WG2238460
Bromobenzene	U		0.118	1.00	1	03/03/2024 00:46	WG2238460
Bromodichloromethane	U		0.136	1.00	1	03/03/2024 00:46	WG2238460
Bromoform	U		0.129	1.00	1	03/03/2024 00:46	WG2238460
Bromomethane	U		0.605	5.00	1	03/03/2024 00:46	WG2238460
1,3-Butadiene	U	R7	0.299	2.00	1	03/03/2024 00:46	WG2238460
n-Butylbenzene	U		0.157	1.00	1	03/03/2024 00:46	WG2238460
sec-Butylbenzene	U		0.125	1.00	1	03/03/2024 00:46	WG2238460
tert-Butylbenzene	U		0.127	1.00	1	03/03/2024 00:46	WG2238460
Carbon tetrachloride	U		0.128	1.00	1	03/03/2024 00:46	WG2238460
Carbon disulfide	0.232	E4 R7	0.0962	1.00	1	03/03/2024 00:46	WG2238460
Chlorobenzene	U		0.116	1.00	1	03/03/2024 00:46	WG2238460
Chlorodibromomethane	U		0.140	1.00	1	03/03/2024 00:46	WG2238460
Chloroethane	U		0.192	5.00	1	03/03/2024 00:46	WG2238460
Chloroform	U		0.111	5.00	1	03/03/2024 00:46	WG2238460
Chloromethane	U		0.960	2.50	1	03/03/2024 00:46	WG2238460
Cyclohexane	11.1		0.188	1.00	1	03/03/2024 00:46	WG2238460
2-Chlorotoluene	U		0.106	1.00	1	03/03/2024 00:46	WG2238460
4-Chlorotoluene	U		0.114	1.00	1	03/03/2024 00:46	WG2238460
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/03/2024 00:46	WG2238460
1,2-Dibromoethane	U		0.126	1.00	1	03/03/2024 00:46	WG2238460
Dibromomethane	U		0.122	1.00	1	03/03/2024 00:46	WG2238460
1,2-Dichlorobenzene	U		0.107	1.00	1	03/03/2024 00:46	WG2238460
1,3-Dichlorobenzene	U		0.110	1.00	1	03/03/2024 00:46	WG2238460
1,4-Dichlorobenzene	U		0.120	1.00	1	03/03/2024 00:46	WG2238460
Dichlorodifluoromethane	U		0.374	5.00	1	03/03/2024 00:46	WG2238460
1,1-Dichloroethane	U		0.100	1.00	1	03/03/2024 00:46	WG2238460
1,2-Dichloroethane	U		0.0819	1.00	1	03/03/2024 00:46	WG2238460
1,1-Dichloroethene	U		0.188	1.00	1	03/03/2024 00:46	WG2238460
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/03/2024 00:46	WG2238460
trans-1,2-Dichloroethene	U	R7	0.149	1.00	1	03/03/2024 00:46	WG2238460
1,2-Dichloropropane	U		0.149	1.00	1	03/03/2024 00:46	WG2238460
1,1-Dichloropropene	U		0.142	1.00	1	03/03/2024 00:46	WG2238460
1,3-Dichloropropane	U		0.110	1.00	1	03/03/2024 00:46	WG2238460
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/03/2024 00:46	WG2238460
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/03/2024 00:46	WG2238460
2,2-Dichloropropane	U		0.161	1.00	1	03/03/2024 00:46	WG2238460
Dicyclopentadiene	U		0.253	1.00	1	03/03/2024 00:46	WG2238460
Di-isopropyl ether	U		0.105	1.00	1	03/03/2024 00:46	WG2238460
Ethylbenzene	U		0.137	1.00	1	03/03/2024 00:46	WG2238460
4-Ethyltoluene	U		0.208	1.00	1	03/03/2024 00:46	WG2238460
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/03/2024 00:46	WG2238460
n-Hexane	11.6	R7	0.749	10.0	1	03/03/2024 00:46	WG2238460
Isopropylbenzene	U		0.105	1.00	1	03/03/2024 00:46	WG2238460
p-Isopropyltoluene	U		0.120	1.00	1	03/03/2024 00:46	WG2238460
2-Butanone (MEK)	9.23	E4	1.19	10.0	1	03/03/2024 00:46	WG2238460
Methyl Cyclohexane	3.21		0.660	1.00	1	03/03/2024 00:46	WG2238460
Methylene Chloride	U		0.430	5.00	1	03/03/2024 00:46	WG2238460
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/03/2024 00:46	WG2238460
Methyl tert-butyl ether	U		0.101	1.00	1	03/03/2024 00:46	WG2238460
Naphthalene	U		1.00	5.00	1	03/03/2024 00:46	WG2238460
Propene	25.4	R7	0.936	2.50	1	03/03/2024 00:46	WG2238460
n-Propylbenzene	U		0.0993	1.00	1	03/03/2024 00:46	WG2238460

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/03/2024 00:46	WG2238460
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/03/2024 00:46	WG2238460
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/03/2024 00:46	WG2238460
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/03/2024 00:46	WG2238460
Tetrachloroethene	U		0.300	1.00	1	03/03/2024 00:46	WG2238460
Toluene	U		0.278	1.00	1	03/03/2024 00:46	WG2238460
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/03/2024 00:46	WG2238460
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/03/2024 00:46	WG2238460
1,1,1-Trichloroethane	U		0.149	1.00	1	03/03/2024 00:46	WG2238460
1,1,2-Trichloroethane	U		0.158	1.00	1	03/03/2024 00:46	WG2238460
Trichloroethene	U		0.190	1.00	1	03/03/2024 00:46	WG2238460
Trichlorofluoromethane	U		0.160	5.00	1	03/03/2024 00:46	WG2238460
1,2,3-Trichloropropane	U		0.237	2.50	1	03/03/2024 00:46	WG2238460
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/03/2024 00:46	WG2238460
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/03/2024 00:46	WG2238460
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/03/2024 00:46	WG2238460
Vinyl chloride	U		0.234	1.00	1	03/03/2024 00:46	WG2238460
Xylenes, Total	0.303	E4	0.174	3.00	1	03/03/2024 00:46	WG2238460
(S) Toluene-d8	*105*			*80.0-120*		*03/03/2024 00:46*	WG2238460
(S) 4-Bromofluorobenzene	*98.6*			*77.0-126*		*03/03/2024 00:46*	WG2238460
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*03/03/2024 00:46*	WG2238460

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	U		0.0190	0.0500	1	03/03/2024 09:45	WG2238477
Acenaphthene	U		0.0190	0.0500	1	03/03/2024 09:45	WG2238477
Acenaphthylene	U		0.0171	0.0500	1	03/03/2024 09:45	WG2238477
Benzo(a)anthracene	U		0.0203	0.0500	1	03/03/2024 09:45	WG2238477
Benzo(a)pyrene	U		0.0184	0.0500	1	03/03/2024 09:45	WG2238477
Benzo(b)fluoranthene	U		0.0168	0.0500	1	03/03/2024 09:45	WG2238477
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	03/03/2024 09:45	WG2238477
Benzo(k)fluoranthene	U		0.0202	0.0500	1	03/03/2024 09:45	WG2238477
Chrysene	U		0.0179	0.0500	1	03/03/2024 09:45	WG2238477
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	03/03/2024 09:45	WG2238477
Fluoranthene	U		0.0270	0.100	1	03/03/2024 09:45	WG2238477
Fluorene	U		0.0169	0.0500	1	03/03/2024 09:45	WG2238477
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	03/03/2024 09:45	WG2238477
Naphthalene	U		0.0917	0.250	1	03/03/2024 09:45	WG2238477
Phenanthrene	0.0220	E4	0.0180	0.0500	1	03/03/2024 09:45	WG2238477
Pyrene	U		0.0169	0.0500	1	03/03/2024 09:45	WG2238477
1-Methylnaphthalene	U		0.0687	0.250	1	03/03/2024 09:45	WG2238477
2-Methylnaphthalene	U		0.0674	0.250	1	03/03/2024 09:45	WG2238477
2-Chloronaphthalene	U		0.0682	0.250	1	03/03/2024 09:45	WG2238477
(S) Nitrobenzene-d5	*84.7*			*31.0-160*		*03/03/2024 09:45*	WG2238477
(S) 2-Fluorobiphenyl	*107*			*48.0-148*		*03/03/2024 09:45*	WG2238477
(S) p-Terphenyl-d14	*89.5*			*37.0-146*		*03/03/2024 09:45*	WG2238477

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/03/2024 00:24	WG2238460
Acrolein	U		2.54	50.0	1	03/03/2024 00:24	WG2238460
Acrylonitrile	U		0.671	10.0	1	03/03/2024 00:24	WG2238460
Benzene	U		0.0941	1.00	1	03/03/2024 00:24	WG2238460
Bromobenzene	U		0.118	1.00	1	03/03/2024 00:24	WG2238460
Bromodichloromethane	U		0.136	1.00	1	03/03/2024 00:24	WG2238460
Bromoform	U		0.129	1.00	1	03/03/2024 00:24	WG2238460
Bromomethane	U		0.605	5.00	1	03/03/2024 00:24	WG2238460
1,3-Butadiene	U	R7	0.299	2.00	1	03/03/2024 00:24	WG2238460
n-Butylbenzene	U		0.157	1.00	1	03/03/2024 00:24	WG2238460
sec-Butylbenzene	U		0.125	1.00	1	03/03/2024 00:24	WG2238460
tert-Butylbenzene	U		0.127	1.00	1	03/03/2024 00:24	WG2238460
Carbon tetrachloride	U		0.128	1.00	1	03/03/2024 00:24	WG2238460
Carbon disulfide	U	R7	0.0962	1.00	1	03/03/2024 00:24	WG2238460
Chlorobenzene	U		0.116	1.00	1	03/03/2024 00:24	WG2238460
Chlorodibromomethane	U		0.140	1.00	1	03/03/2024 00:24	WG2238460
Chloroethane	U		0.192	5.00	1	03/03/2024 00:24	WG2238460
Chloroform	U		0.111	5.00	1	03/03/2024 00:24	WG2238460
Chloromethane	U		0.960	2.50	1	03/03/2024 00:24	WG2238460
Cyclohexane	U		0.188	1.00	1	03/03/2024 00:24	WG2238460
2-Chlorotoluene	U		0.106	1.00	1	03/03/2024 00:24	WG2238460
4-Chlorotoluene	U		0.114	1.00	1	03/03/2024 00:24	WG2238460
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/03/2024 00:24	WG2238460
1,2-Dibromoethane	U		0.126	1.00	1	03/03/2024 00:24	WG2238460
Dibromomethane	U		0.122	1.00	1	03/03/2024 00:24	WG2238460
1,2-Dichlorobenzene	U		0.107	1.00	1	03/03/2024 00:24	WG2238460
1,3-Dichlorobenzene	U		0.110	1.00	1	03/03/2024 00:24	WG2238460
1,4-Dichlorobenzene	U		0.120	1.00	1	03/03/2024 00:24	WG2238460
Dichlorodifluoromethane	U		0.374	5.00	1	03/03/2024 00:24	WG2238460
1,1-Dichloroethane	U		0.100	1.00	1	03/03/2024 00:24	WG2238460
1,2-Dichloroethane	U		0.0819	1.00	1	03/03/2024 00:24	WG2238460
1,1-Dichloroethene	U		0.188	1.00	1	03/03/2024 00:24	WG2238460
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/03/2024 00:24	WG2238460
trans-1,2-Dichloroethene	U	R7	0.149	1.00	1	03/03/2024 00:24	WG2238460
1,2-Dichloropropane	U		0.149	1.00	1	03/03/2024 00:24	WG2238460
1,1-Dichloropropene	U		0.142	1.00	1	03/03/2024 00:24	WG2238460
1,3-Dichloropropane	U		0.110	1.00	1	03/03/2024 00:24	WG2238460
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/03/2024 00:24	WG2238460
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/03/2024 00:24	WG2238460
2,2-Dichloropropane	U		0.161	1.00	1	03/03/2024 00:24	WG2238460
Dicyclopentadiene	U		0.253	1.00	1	03/03/2024 00:24	WG2238460
Di-isopropyl ether	U		0.105	1.00	1	03/03/2024 00:24	WG2238460
Ethylbenzene	U		0.137	1.00	1	03/03/2024 00:24	WG2238460
4-Ethyltoluene	U		0.208	1.00	1	03/03/2024 00:24	WG2238460
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/03/2024 00:24	WG2238460
n-Hexane	U	R7	0.749	10.0	1	03/03/2024 00:24	WG2238460
Isopropylbenzene	U		0.105	1.00	1	03/03/2024 00:24	WG2238460
p-Isopropyltoluene	U		0.120	1.00	1	03/03/2024 00:24	WG2238460
2-Butanone (MEK)	U		1.19	10.0	1	03/03/2024 00:24	WG2238460
Methyl Cyclohexane	U		0.660	1.00	1	03/03/2024 00:24	WG2238460
Methylene Chloride	U		0.430	5.00	1	03/03/2024 00:24	WG2238460
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/03/2024 00:24	WG2238460
Methyl tert-butyl ether	U		0.101	1.00	1	03/03/2024 00:24	WG2238460
Naphthalene	U		1.00	5.00	1	03/03/2024 00:24	WG2238460
Propene	U	R7	0.936	2.50	1	03/03/2024 00:24	WG2238460
n-Propylbenzene	U		0.0993	1.00	1	03/03/2024 00:24	WG2238460

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	03/03/2024 00:24	WG2238460
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/03/2024 00:24	WG2238460
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/03/2024 00:24	WG2238460
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/03/2024 00:24	WG2238460
Tetrachloroethene	U		0.300	1.00	1	03/03/2024 00:24	WG2238460
Toluene	U		0.278	1.00	1	03/03/2024 00:24	WG2238460
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/03/2024 00:24	WG2238460
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/03/2024 00:24	WG2238460
1,1,1-Trichloroethane	U		0.149	1.00	1	03/03/2024 00:24	WG2238460
1,1,2-Trichloroethane	U		0.158	1.00	1	03/03/2024 00:24	WG2238460
Trichloroethene	U		0.190	1.00	1	03/03/2024 00:24	WG2238460
Trichlorofluoromethane	U		0.160	5.00	1	03/03/2024 00:24	WG2238460
1,2,3-Trichloropropane	U		0.237	2.50	1	03/03/2024 00:24	WG2238460
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/03/2024 00:24	WG2238460
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/03/2024 00:24	WG2238460
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/03/2024 00:24	WG2238460
Vinyl chloride	U		0.234	1.00	1	03/03/2024 00:24	WG2238460
Xylenes, Total	U		0.174	3.00	1	03/03/2024 00:24	WG2238460
(S) Toluene-d8	*107*			*80.0-120*		*03/03/2024 00:24*	WG2238460
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*03/03/2024 00:24*	WG2238460
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*03/03/2024 00:24*	WG2238460

Method Blank (MB)

(MB) R4040816-3 03/02/24 22:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4040816-3 03/02/24 22:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*

QUALITY CONTROL SUMMARY

L1711229-01,02

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040816-1 03/02/24 20:56 • (LCSD) R4040816-2 03/02/24 22:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	27.2	27.0	109	108	19.0-160			0.738	27
Acrolein	25.0	23.5	22.4	94.0	89.6	30.0-160			4.79	26
Acrylonitrile	25.0	25.4	25.7	102	103	55.0-149			1.17	20
Benzene	5.00	5.48	4.95	110	99.0	70.0-123			10.2	20
Bromobenzene	5.00	5.30	5.12	106	102	73.0-121			3.45	20
Bromodichloromethane	5.00	5.39	5.23	108	105	75.0-120			3.01	20
Bromoform	5.00	5.34	5.28	107	106	68.0-132			1.13	20
Bromomethane	5.00	4.90	4.15	98.0	83.0	30.0-160			16.6	25
1,3-Butadiene	5.00	5.01	4.06	100	81.2	45.0-147		R7	20.9	20
n-Butylbenzene	5.00	5.42	4.90	108	98.0	73.0-125			10.1	20
sec-Butylbenzene	5.00	5.61	5.32	112	106	75.0-125			5.31	20
tert-Butylbenzene	5.00	5.64	5.38	113	108	76.0-124			4.72	20
Carbon tetrachloride	5.00	5.53	4.86	111	97.2	68.0-126			12.9	20
Carbon disulfide	5.00	4.85	3.47	97.0	69.4	61.0-128		R7	33.2	20
Chlorobenzene	5.00	5.81	5.54	116	111	80.0-121			4.76	20
Chlorodibromomethane	5.00	5.62	5.24	112	105	77.0-125			7.00	20
Chloroethane	5.00	5.52	4.85	110	97.0	47.0-150			12.9	20
Chloroform	5.00	5.58	5.42	112	108	73.0-120			2.91	20
Chloromethane	5.00	5.28	4.60	106	92.0	41.0-142			13.8	20
Cyclohexane	5.00	5.38	4.63	108	92.6	71.0-124			15.0	20
2-Chlorotoluene	5.00	5.41	5.16	108	103	76.0-123			4.73	20
4-Chlorotoluene	5.00	5.38	5.11	108	102	75.0-122			5.15	20
1,2-Dibromo-3-Chloropropane	5.00	4.45	4.59	89.0	91.8	58.0-134			3.10	20
1,2-Dibromoethane	5.00	5.58	5.44	112	109	80.0-122			2.54	20
Dibromomethane	5.00	5.44	5.03	109	101	80.0-120			7.83	20
1,2-Dichlorobenzene	5.00	5.51	5.40	110	108	79.0-121			2.02	20
1,3-Dichlorobenzene	5.00	5.51	5.19	110	104	79.0-120			5.98	20
1,4-Dichlorobenzene	5.00	5.49	5.21	110	104	79.0-120			5.23	20
Dichlorodifluoromethane	5.00	4.48	4.99	89.6	99.8	51.0-149			10.8	20
1,1-Dichloroethane	5.00	5.53	5.15	111	103	70.0-126			7.12	20
1,2-Dichloroethane	5.00	5.62	5.18	112	104	70.0-128			8.15	20
1,1-Dichloroethene	5.00	5.29	4.70	106	94.0	71.0-124			11.8	20
cis-1,2-Dichloroethene	5.00	5.52	4.69	110	93.8	73.0-120			16.3	20
trans-1,2-Dichloroethene	5.00	5.72	4.56	114	91.2	73.0-120		R7	22.6	20
1,2-Dichloropropane	5.00	5.61	5.18	112	104	77.0-125			7.97	20
1,1-Dichloropropene	5.00	5.58	4.77	112	95.4	74.0-126			15.7	20
1,3-Dichloropropane	5.00	5.60	5.31	112	106	80.0-120			5.32	20
cis-1,3-Dichloropropene	5.00	5.06	4.75	101	95.0	80.0-123			6.32	20
trans-1,3-Dichloropropene	5.00	5.19	4.91	104	98.2	78.0-124			5.54	20
2,2-Dichloropropane	5.00	4.96	4.83	99.2	96.6	58.0-130			2.66	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040816-1 03/02/24 20:56 • (LCSD) R4040816-2 03/02/24 22:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	5.50	5.24	110	105	74.0-126			4.84	20
Di-isopropyl ether	5.00	5.66	5.41	113	108	58.0-138			4.52	20
Ethylbenzene	5.00	5.83	5.53	117	111	79.0-123			5.28	20
4-Ethyltoluene	5.00	5.49	5.17	110	103	74.0-127			6.00	20
Hexachloro-1,3-butadiene	5.00	5.37	5.22	107	104	54.0-138			2.83	20
n-Hexane	5.00	5.05	3.86	101	77.2	57.0-133		R7	26.7	20
Isopropylbenzene	5.00	5.80	5.52	116	110	76.0-127			4.95	20
p-Isopropyltoluene	5.00	5.38	5.10	108	102	76.0-125			5.34	20
2-Butanone (MEK)	25.0	24.3	24.2	97.2	96.8	44.0-160			0.412	20
Methyl Cyclohexane	5.00	5.16	4.31	103	86.2	68.0-126			18.0	20
Methylene Chloride	5.00	5.08	4.79	102	95.8	67.0-120			5.88	20
4-Methyl-2-pentanone (MIBK)	25.0	28.3	28.3	113	113	68.0-142			0.000	20
Methyl tert-butyl ether	5.00	5.40	5.14	108	103	68.0-125			4.93	20
Naphthalene	5.00	4.54	4.70	90.8	94.0	54.0-135			3.46	20
Propene	5.00	4.62	2.78	92.4	55.6	30.0-160		R7	49.7	20
n-Propylbenzene	5.00	5.57	5.25	111	105	77.0-124			5.91	20
Styrene	5.00	5.50	5.21	110	104	73.0-130			5.42	20
1,1,1,2-Tetrachloroethane	5.00	5.74	5.41	115	108	75.0-125			5.92	20
1,1,2,2-Tetrachloroethane	5.00	4.72	5.15	94.4	103	65.0-130			8.71	20
1,1,2-Trichlorotrifluoroethane	5.00	5.14	5.15	103	103	69.0-132			0.194	20
Tetrachloroethene	5.00	6.19	5.28	124	106	72.0-132			15.9	20
Toluene	5.00	5.81	5.29	116	106	79.0-120			9.37	20
1,2,3-Trichlorobenzene	5.00	4.88	5.21	97.6	104	50.0-138			6.54	20
1,2,4-Trichlorobenzene	5.00	4.95	4.92	99.0	98.4	57.0-137			0.608	20
1,1,1-Trichloroethane	5.00	5.58	5.07	112	101	73.0-124			9.58	20
1,1,2-Trichloroethane	5.00	5.55	5.58	111	112	80.0-120			0.539	20
Trichloroethene	5.00	6.14	5.45	123	109	78.0-124			11.9	20
Trichlorofluoromethane	5.00	5.48	5.27	110	105	59.0-147			3.91	20
1,2,3-Trichloropropane	5.00	5.38	5.47	108	109	73.0-130			1.66	20
1,2,4-Trimethylbenzene	5.00	5.32	5.19	106	104	76.0-121			2.47	20
1,2,3-Trimethylbenzene	5.00	5.51	5.31	110	106	77.0-120			3.70	20
1,3,5-Trimethylbenzene	5.00	5.64	5.32	113	106	76.0-122			5.84	20
Vinyl chloride	5.00	5.27	4.51	105	90.2	67.0-131			15.5	20
Xylenes, Total	15.0	17.3	16.6	115	111	79.0-123			4.13	20
(S) Toluene-d8				*103*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.8*	*100*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*95.4*	*95.0*	*70.0-130*				

Method Blank (MB)

(MB) R4040807-3 03/03/24 08:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	U		0.0190	0.0500
Acenaphthene	U		0.0190	0.0500
Acenaphthylene	U		0.0171	0.0500
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(g,h,i)perylene	U		0.0184	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Fluoranthene	U		0.0270	0.100
Fluorene	U		0.0169	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
Phenanthrene	U		0.0180	0.0500
Pyrene	U		0.0169	0.0500
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
2-Chloronaphthalene	U		0.0682	0.250
(S) Nitrobenzene-d5	*107*			*31.0-160*
(S) 2-Fluorobiphenyl	*109*			*48.0-148*
(S) p-Terphenyl-d14	*105*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040807-1 03/03/24 07:59 • (LCSD) R4040807-2 03/03/24 08:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	2.00	1.85	1.85	92.5	92.5	67.0-150			0.000	20
Acenaphthene	2.00	1.88	1.89	94.0	94.5	65.0-138			0.531	20
Acenaphthylene	2.00	1.94	1.94	97.0	97.0	66.0-140			0.000	20
Benzo(a)anthracene	2.00	1.89	1.91	94.5	95.5	61.0-140			1.05	20
Benzo(a)pyrene	2.00	1.89	1.90	94.5	95.0	60.0-143			0.528	20
Benzo(b)fluoranthene	2.00	2.16	2.14	108	107	58.0-141			0.930	20
Benzo(g,h,i)perylene	2.00	2.03	2.07	102	104	52.0-153			1.95	20
Benzo(k)fluoranthene	2.00	2.09	2.10	104	105	58.0-148			0.477	20
Chrysene	2.00	2.11	2.16	105	108	64.0-144			2.34	20
Dibenz(a,h)anthracene	2.00	2.01	2.04	100	102	52.0-155			1.48	20
Fluoranthene	2.00	2.12	2.11	106	105	69.0-153			0.473	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4040807-1 03/03/24 07:59 • (LCSD) R4040807-2 03/03/24 08:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	2.00	2.10	2.10	105	105	64.0-136			0.000	20
Indeno(1,2,3-cd)pyrene	2.00	1.82	1.84	91.0	92.0	54.0-153			1.09	20
Naphthalene	2.00	2.04	2.05	102	103	61.0-137			0.489	20
Phenanthrene	2.00	2.08	2.08	104	104	62.0-137			0.000	20
Pyrene	2.00	2.07	2.12	104	106	60.0-142			2.39	20
1-Methylnaphthalene	2.00	2.11	2.12	105	106	66.0-142			0.473	20
2-Methylnaphthalene	2.00	2.04	2.05	102	103	62.0-136			0.489	20
2-Chloronaphthalene	2.00	2.05	2.08	103	104	64.0-140			1.45	20
(S) Nitrobenzene-d5				*112*	*110*	*31.0-160*				
(S) 2-Fluorobiphenyl				*109*	*109*	*48.0-148*				
(S) p-Terphenyl-d14				*103*	*103*	*37.0-146*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS23 • File ID: 0302_31

03/02/24 20:56

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0302_31	479008	218448	213762
Upper Limit		958016	436896	427524
Lower Limit		239504	109224	106881
LCS R4040816-1 WG2238460 1x	0302_31LCS	479008	218448	213762
LCSD R4040816-2 WG2238460 1x	0302_34	463000	207965	200053
BLANK R4040816-3 WG2238460 1x	0302_35	462744	205058	198694
L1711229-02 WG2238460 1x	0302_37	466210	205360	199869
L1711229-01 WG2238460 1x	0302_38	486066	216096	201636

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0303_03

03/03/24 07:39

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0303_03	56347	29384	51800	43137	34668
Upper Limit		112694	58768	103600	86274	69336
Lower Limit		28174	14692	25900	21569	17334
LCS R4040807-1 WG2238477 1x	0303_04	54329	27884	48393	40595	31912
LCSD R4040807-2 WG2238477 1x	0303_05	54047	27657	48264	39781	30185
BLANK R4040807-3 WG2238477 1x	0303_06	53191	26643	46793	36848	27520
L1711229-01 WG2238477 1x	0303_10	63575	27688	48629	38440	27921

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

ENCORE Consulting, LLC
950 W. Elliot Rd, Ste 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 W. Elliot Rd.
Ste. 116
Tempe, AZ 85284

Report to: Lynn Niewiadomski

Email To: Lynn@encore-consulting.net

Project Description: CircleK2705326

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: 480-258-1778

Client Project # CK2705326

Lab Project #

Collected by (print): Shanda Wagner

Site/Facility ID # CK2705326

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
X Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs 8260B	PAHs 8270								
MW-1	G	GW	164	2/29/24	1425	5	X	X								-01
TRIP BLANK	—	OT	—	—	—	1	X									-02

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1211179

Table #

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Remarks | Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 3WA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature)	3/1/24	1520	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Relinquished by : (Signature)	3-1-24	1800	Received by: (Signature) 3WA	Temp: TLA °C 1.4 +0 Bottles Received: 5
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3/2/24 Time: 1480

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PM/PB

ANALYTICAL REPORT

May 08, 2024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

EnCore Consulting, LLC.

Sample Delivery Group:	L1732721
Samples Received:	05/04/2024
Project Number:	CK2705326
Description:	Circle K Store No. 2705326
Site:	CK2705326
Report To:	Parker Schroeder 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-1 L1732721-01 GW

Collected by: Jesus Ibarra | Collected date/time: 05/03/24 06:45 | Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/04/24 22:40	05/04/24 22:40	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2281302	1	05/06/24 18:08	05/07/24 03:52	LTB	Mt. Juliet, TN

MW-3 L1732721-02 GW

Collected by: Jesus Ibarra | Collected date/time: 05/01/24 14:20 | Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/04/24 23:00	05/04/24 23:00	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2281302	1	05/06/24 18:08	05/07/24 04:10	LTB	Mt. Juliet, TN

MW-4 L1732721-03 GW

Collected by: Jesus Ibarra | Collected date/time: 05/01/24 11:57 | Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2282028	1	05/07/24 17:01	05/07/24 17:01	JBE	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2281302	1	05/06/24 18:08	05/07/24 04:27	LTB	Mt. Juliet, TN

MW-5 L1732721-04 GW

Collected by: Jesus Ibarra | Collected date/time: 05/03/24 06:18 | Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/04/24 23:41	05/04/24 23:41	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2281302	1	05/06/24 18:08	05/07/24 04:45	LTB	Mt. Juliet, TN

MW-6 L1732721-05 GW

Collected by: Jesus Ibarra | Collected date/time: 05/02/24 09:00 | Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/05/24 00:02	05/05/24 00:02	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2281302	1	05/06/24 18:08	05/07/24 05:02	LTB	Mt. Juliet, TN

MW-7 L1732721-06 GW

Collected by: Jesus Ibarra | Collected date/time: 05/02/24 19:00 | Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/05/24 00:23	05/05/24 00:23	ADM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG2281302	1	05/06/24 18:08	05/07/24 05:20	LTB	Mt. Juliet, TN

EQUIPMENT BLANK L1732721-07 GW

Collected by: Jesus Ibarra | Collected date/time: 05/01/24 07:48 | Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/04/24 22:19	05/04/24 22:19	ADM	Mt. Juliet, TN

DUPLICATE L1732721-08 GW

Collected by: Jesus Ibarra
Collected date/time: 05/03/24 06:30
Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/05/24 00:43	05/05/24 00:43	ADM	Mt. Juliet, TN

TRIP BLANK L1732721-09 GW

Collected by: Jesus Ibarra
Collected date/time: 05/01/24 00:00
Received date/time: 05/04/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2280416	1	05/04/24 21:58	05/04/24 21:58	ADM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1732721-01	MW-1	8270C-SIM
L1732721-02	MW-3	8270C-SIM
L1732721-03	MW-4	8270C-SIM
L1732721-04	MW-5	8270C-SIM
L1732721-05	MW-6	8270C-SIM
L1732721-06	MW-7	8270C-SIM

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/04/2024 22:40	WG2280416
Acrolein	U		2.54	50.0	1	05/04/2024 22:40	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/04/2024 22:40	WG2280416
Benzene	U		0.0941	1.00	1	05/04/2024 22:40	WG2280416
Bromobenzene	U		0.118	1.00	1	05/04/2024 22:40	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/04/2024 22:40	WG2280416
Bromoform	U		0.129	1.00	1	05/04/2024 22:40	WG2280416
Bromomethane	U		0.605	5.00	1	05/04/2024 22:40	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/04/2024 22:40	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/04/2024 22:40	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/04/2024 22:40	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/04/2024 22:40	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/04/2024 22:40	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/04/2024 22:40	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/04/2024 22:40	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/04/2024 22:40	WG2280416
Chloroethane	U		0.192	5.00	1	05/04/2024 22:40	WG2280416
Chloroform	U		0.111	5.00	1	05/04/2024 22:40	WG2280416
Chloromethane	U		0.960	2.50	1	05/04/2024 22:40	WG2280416
Cyclohexane	U		0.188	1.00	1	05/04/2024 22:40	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/04/2024 22:40	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/04/2024 22:40	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/04/2024 22:40	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/04/2024 22:40	WG2280416
Dibromomethane	U		0.122	1.00	1	05/04/2024 22:40	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/04/2024 22:40	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/04/2024 22:40	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/04/2024 22:40	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/04/2024 22:40	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/04/2024 22:40	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/04/2024 22:40	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/04/2024 22:40	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/04/2024 22:40	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/04/2024 22:40	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/04/2024 22:40	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/04/2024 22:40	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/04/2024 22:40	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/04/2024 22:40	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/04/2024 22:40	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/04/2024 22:40	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/04/2024 22:40	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/04/2024 22:40	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/04/2024 22:40	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/04/2024 22:40	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/04/2024 22:40	WG2280416
n-Hexane	U		0.749	10.0	1	05/04/2024 22:40	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/04/2024 22:40	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/04/2024 22:40	WG2280416
2-Butanone (MEK)	U		1.19	10.0	1	05/04/2024 22:40	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/04/2024 22:40	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/04/2024 22:40	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/04/2024 22:40	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/04/2024 22:40	WG2280416
Naphthalene	U		1.00	5.00	1	05/04/2024 22:40	WG2280416
Propene	U	R7	0.936	2.50	1	05/04/2024 22:40	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/04/2024 22:40	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/04/2024 22:40	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/04/2024 22:40	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/04/2024 22:40	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/04/2024 22:40	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/04/2024 22:40	WG2280416
Toluene	U		0.278	1.00	1	05/04/2024 22:40	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/04/2024 22:40	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/04/2024 22:40	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/04/2024 22:40	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/04/2024 22:40	WG2280416
Trichloroethene	U		0.190	1.00	1	05/04/2024 22:40	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/04/2024 22:40	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/04/2024 22:40	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/04/2024 22:40	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 22:40	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 22:40	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/04/2024 22:40	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/04/2024 22:40	WG2280416
(S) Toluene-d8	*107*			*80.0-120*		*05/04/2024 22:40*	WG2280416
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*05/04/2024 22:40*	WG2280416
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*05/04/2024 22:40*	WG2280416

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	U		0.0190	0.0500	1	05/07/2024 03:52	WG2281302
Acenaphthene	U		0.0190	0.0500	1	05/07/2024 03:52	WG2281302
Acenaphthylene	U		0.0171	0.0500	1	05/07/2024 03:52	WG2281302
Benzo(a)anthracene	U		0.0203	0.0500	1	05/07/2024 03:52	WG2281302
Benzo(a)pyrene	U		0.0184	0.0500	1	05/07/2024 03:52	WG2281302
Benzo(b)fluoranthene	U		0.0168	0.0500	1	05/07/2024 03:52	WG2281302
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	05/07/2024 03:52	WG2281302
Benzo(k)fluoranthene	U		0.0202	0.0500	1	05/07/2024 03:52	WG2281302
Chrysene	U		0.0179	0.0500	1	05/07/2024 03:52	WG2281302
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	05/07/2024 03:52	WG2281302
Fluoranthene	U		0.0270	0.100	1	05/07/2024 03:52	WG2281302
Fluorene	U		0.0169	0.0500	1	05/07/2024 03:52	WG2281302
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	05/07/2024 03:52	WG2281302
Naphthalene	U		0.0917	0.250	1	05/07/2024 03:52	WG2281302
Phenanthrene	U		0.0180	0.0500	1	05/07/2024 03:52	WG2281302
Pyrene	U		0.0169	0.0500	1	05/07/2024 03:52	WG2281302
1-Methylnaphthalene	U		0.0687	0.250	1	05/07/2024 03:52	WG2281302
2-Methylnaphthalene	U		0.0674	0.250	1	05/07/2024 03:52	WG2281302
2-Chloronaphthalene	U		0.0682	0.250	1	05/07/2024 03:52	WG2281302
(S) Nitrobenzene-d5	*73.7*			*31.0-160*		*05/07/2024 03:52*	WG2281302
(S) 2-Fluorobiphenyl	*115*			*48.0-148*		*05/07/2024 03:52*	WG2281302
(S) p-Terphenyl-d14	*115*			*37.0-146*		*05/07/2024 03:52*	WG2281302

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/04/2024 23:00	WG2280416
Acrolein	U		2.54	50.0	1	05/04/2024 23:00	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/04/2024 23:00	WG2280416
Benzene	U		0.0941	1.00	1	05/04/2024 23:00	WG2280416
Bromobenzene	U		0.118	1.00	1	05/04/2024 23:00	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/04/2024 23:00	WG2280416
Bromoform	U		0.129	1.00	1	05/04/2024 23:00	WG2280416
Bromomethane	U		0.605	5.00	1	05/04/2024 23:00	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/04/2024 23:00	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/04/2024 23:00	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/04/2024 23:00	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/04/2024 23:00	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/04/2024 23:00	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/04/2024 23:00	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/04/2024 23:00	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/04/2024 23:00	WG2280416
Chloroethane	U		0.192	5.00	1	05/04/2024 23:00	WG2280416
Chloroform	U		0.111	5.00	1	05/04/2024 23:00	WG2280416
Chloromethane	U		0.960	2.50	1	05/04/2024 23:00	WG2280416
Cyclohexane	U		0.188	1.00	1	05/04/2024 23:00	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/04/2024 23:00	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/04/2024 23:00	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/04/2024 23:00	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/04/2024 23:00	WG2280416
Dibromomethane	U		0.122	1.00	1	05/04/2024 23:00	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/04/2024 23:00	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/04/2024 23:00	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/04/2024 23:00	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/04/2024 23:00	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/04/2024 23:00	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/04/2024 23:00	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/04/2024 23:00	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/04/2024 23:00	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/04/2024 23:00	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/04/2024 23:00	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/04/2024 23:00	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/04/2024 23:00	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/04/2024 23:00	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/04/2024 23:00	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/04/2024 23:00	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/04/2024 23:00	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/04/2024 23:00	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/04/2024 23:00	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/04/2024 23:00	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/04/2024 23:00	WG2280416
n-Hexane	U		0.749	10.0	1	05/04/2024 23:00	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/04/2024 23:00	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/04/2024 23:00	WG2280416
2-Butanone (MEK)	U		1.19	10.0	1	05/04/2024 23:00	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/04/2024 23:00	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/04/2024 23:00	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/04/2024 23:00	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/04/2024 23:00	WG2280416
Naphthalene	U		1.00	5.00	1	05/04/2024 23:00	WG2280416
Propene	U	R7	0.936	2.50	1	05/04/2024 23:00	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/04/2024 23:00	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/04/2024 23:00	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/04/2024 23:00	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/04/2024 23:00	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/04/2024 23:00	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/04/2024 23:00	WG2280416
Toluene	U		0.278	1.00	1	05/04/2024 23:00	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/04/2024 23:00	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/04/2024 23:00	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/04/2024 23:00	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/04/2024 23:00	WG2280416
Trichloroethene	U		0.190	1.00	1	05/04/2024 23:00	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/04/2024 23:00	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/04/2024 23:00	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/04/2024 23:00	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 23:00	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 23:00	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/04/2024 23:00	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/04/2024 23:00	WG2280416
(S) Toluene-d8	*105*			*80.0-120*		*05/04/2024 23:00*	WG2280416
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*05/04/2024 23:00*	WG2280416
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*05/04/2024 23:00*	WG2280416

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	U		0.0190	0.0500	1	05/07/2024 04:10	WG2281302
Acenaphthene	U		0.0190	0.0500	1	05/07/2024 04:10	WG2281302
Acenaphthylene	U		0.0171	0.0500	1	05/07/2024 04:10	WG2281302
Benzo(a)anthracene	U		0.0203	0.0500	1	05/07/2024 04:10	WG2281302
Benzo(a)pyrene	U		0.0184	0.0500	1	05/07/2024 04:10	WG2281302
Benzo(b)fluoranthene	U		0.0168	0.0500	1	05/07/2024 04:10	WG2281302
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	05/07/2024 04:10	WG2281302
Benzo(k)fluoranthene	U		0.0202	0.0500	1	05/07/2024 04:10	WG2281302
Chrysene	U		0.0179	0.0500	1	05/07/2024 04:10	WG2281302
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	05/07/2024 04:10	WG2281302
Fluoranthene	U		0.0270	0.100	1	05/07/2024 04:10	WG2281302
Fluorene	U		0.0169	0.0500	1	05/07/2024 04:10	WG2281302
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	05/07/2024 04:10	WG2281302
Naphthalene	U		0.0917	0.250	1	05/07/2024 04:10	WG2281302
Phenanthrene	U		0.0180	0.0500	1	05/07/2024 04:10	WG2281302
Pyrene	U		0.0169	0.0500	1	05/07/2024 04:10	WG2281302
1-Methylnaphthalene	U		0.0687	0.250	1	05/07/2024 04:10	WG2281302
2-Methylnaphthalene	U		0.0674	0.250	1	05/07/2024 04:10	WG2281302
2-Chloronaphthalene	U		0.0682	0.250	1	05/07/2024 04:10	WG2281302
(S) Nitrobenzene-d5	*76.8*			*31.0-160*		*05/07/2024 04:10*	WG2281302
(S) 2-Fluorobiphenyl	*121*			*48.0-148*		*05/07/2024 04:10*	WG2281302
(S) p-Terphenyl-d14	*123*			*37.0-146*		*05/07/2024 04:10*	WG2281302

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	05/07/2024 17:01	WG2282028
Acrolein	U		2.54	50.0	1	05/07/2024 17:01	WG2282028
Acrylonitrile	U		0.671	10.0	1	05/07/2024 17:01	WG2282028
Benzene	U		0.0941	1.00	1	05/07/2024 17:01	WG2282028
Bromobenzene	U		0.118	1.00	1	05/07/2024 17:01	WG2282028
Bromodichloromethane	U		0.136	1.00	1	05/07/2024 17:01	WG2282028
Bromoform	U		0.129	1.00	1	05/07/2024 17:01	WG2282028
Bromomethane	U		0.605	5.00	1	05/07/2024 17:01	WG2282028
1,3-Butadiene	U		0.299	2.00	1	05/07/2024 17:01	WG2282028
n-Butylbenzene	U		0.157	1.00	1	05/07/2024 17:01	WG2282028
sec-Butylbenzene	U		0.125	1.00	1	05/07/2024 17:01	WG2282028
tert-Butylbenzene	U		0.127	1.00	1	05/07/2024 17:01	WG2282028
Carbon tetrachloride	U		0.128	1.00	1	05/07/2024 17:01	WG2282028
Carbon disulfide	U		0.0962	1.00	1	05/07/2024 17:01	WG2282028
Chlorobenzene	U		0.116	1.00	1	05/07/2024 17:01	WG2282028
Chlorodibromomethane	U		0.140	1.00	1	05/07/2024 17:01	WG2282028
Chloroethane	U		0.192	5.00	1	05/07/2024 17:01	WG2282028
Chloroform	U		0.111	5.00	1	05/07/2024 17:01	WG2282028
Chloromethane	U		0.960	2.50	1	05/07/2024 17:01	WG2282028
Cyclohexane	U		0.188	1.00	1	05/07/2024 17:01	WG2282028
2-Chlorotoluene	U		0.106	1.00	1	05/07/2024 17:01	WG2282028
4-Chlorotoluene	U		0.114	1.00	1	05/07/2024 17:01	WG2282028
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/07/2024 17:01	WG2282028
1,2-Dibromoethane	U		0.126	1.00	1	05/07/2024 17:01	WG2282028
Dibromomethane	U		0.122	1.00	1	05/07/2024 17:01	WG2282028
1,2-Dichlorobenzene	U		0.107	1.00	1	05/07/2024 17:01	WG2282028
1,3-Dichlorobenzene	U		0.110	1.00	1	05/07/2024 17:01	WG2282028
1,4-Dichlorobenzene	U		0.120	1.00	1	05/07/2024 17:01	WG2282028
Dichlorodifluoromethane	U		0.374	5.00	1	05/07/2024 17:01	WG2282028
1,1-Dichloroethane	U		0.100	1.00	1	05/07/2024 17:01	WG2282028
1,2-Dichloroethane	U		0.0819	1.00	1	05/07/2024 17:01	WG2282028
1,1-Dichloroethene	U		0.188	1.00	1	05/07/2024 17:01	WG2282028
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/07/2024 17:01	WG2282028
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/07/2024 17:01	WG2282028
1,2-Dichloropropane	U		0.149	1.00	1	05/07/2024 17:01	WG2282028
1,1-Dichloropropene	U		0.142	1.00	1	05/07/2024 17:01	WG2282028
1,3-Dichloropropane	U		0.110	1.00	1	05/07/2024 17:01	WG2282028
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/07/2024 17:01	WG2282028
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/07/2024 17:01	WG2282028
2,2-Dichloropropane	U		0.161	1.00	1	05/07/2024 17:01	WG2282028
Dicyclopentadiene	U		0.253	1.00	1	05/07/2024 17:01	WG2282028
Di-isopropyl ether	U		0.105	1.00	1	05/07/2024 17:01	WG2282028
Ethylbenzene	U		0.137	1.00	1	05/07/2024 17:01	WG2282028
4-Ethyltoluene	U		0.208	1.00	1	05/07/2024 17:01	WG2282028
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/07/2024 17:01	WG2282028
n-Hexane	U		0.749	10.0	1	05/07/2024 17:01	WG2282028
Isopropylbenzene	U		0.105	1.00	1	05/07/2024 17:01	WG2282028
p-Isopropyltoluene	U		0.120	1.00	1	05/07/2024 17:01	WG2282028
2-Butanone (MEK)	U		1.19	10.0	1	05/07/2024 17:01	WG2282028
Methyl Cyclohexane	U		0.660	1.00	1	05/07/2024 17:01	WG2282028
Methylene Chloride	U		0.430	5.00	1	05/07/2024 17:01	WG2282028
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/07/2024 17:01	WG2282028
Methyl tert-butyl ether	U		0.101	1.00	1	05/07/2024 17:01	WG2282028
Naphthalene	U		1.00	5.00	1	05/07/2024 17:01	WG2282028
Propene	U		0.936	2.50	1	05/07/2024 17:01	WG2282028
n-Propylbenzene	U		0.0993	1.00	1	05/07/2024 17:01	WG2282028

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/07/2024 17:01	WG2282028
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/07/2024 17:01	WG2282028
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/07/2024 17:01	WG2282028
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/07/2024 17:01	WG2282028
Tetrachloroethene	U		0.300	1.00	1	05/07/2024 17:01	WG2282028
Toluene	U		0.278	1.00	1	05/07/2024 17:01	WG2282028
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/07/2024 17:01	WG2282028
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/07/2024 17:01	WG2282028
1,1,1-Trichloroethane	U		0.149	1.00	1	05/07/2024 17:01	WG2282028
1,1,2-Trichloroethane	U		0.158	1.00	1	05/07/2024 17:01	WG2282028
Trichloroethene	U		0.190	1.00	1	05/07/2024 17:01	WG2282028
Trichlorofluoromethane	U		0.160	5.00	1	05/07/2024 17:01	WG2282028
1,2,3-Trichloropropane	U		0.237	2.50	1	05/07/2024 17:01	WG2282028
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/07/2024 17:01	WG2282028
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/07/2024 17:01	WG2282028
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/07/2024 17:01	WG2282028
Vinyl chloride	U		0.234	1.00	1	05/07/2024 17:01	WG2282028
Xylenes, Total	U		0.174	3.00	1	05/07/2024 17:01	WG2282028
(S) Toluene-d8	*107*			*80.0-120*		*05/07/2024 17:01*	WG2282028
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*05/07/2024 17:01*	WG2282028
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*05/07/2024 17:01*	WG2282028

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	U		0.0190	0.0500	1	05/07/2024 04:27	WG2281302
Acenaphthene	U		0.0190	0.0500	1	05/07/2024 04:27	WG2281302
Acenaphthylene	U		0.0171	0.0500	1	05/07/2024 04:27	WG2281302
Benzo(a)anthracene	U		0.0203	0.0500	1	05/07/2024 04:27	WG2281302
Benzo(a)pyrene	U		0.0184	0.0500	1	05/07/2024 04:27	WG2281302
Benzo(b)fluoranthene	U		0.0168	0.0500	1	05/07/2024 04:27	WG2281302
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	05/07/2024 04:27	WG2281302
Benzo(k)fluoranthene	U		0.0202	0.0500	1	05/07/2024 04:27	WG2281302
Chrysene	U		0.0179	0.0500	1	05/07/2024 04:27	WG2281302
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	05/07/2024 04:27	WG2281302
Fluoranthene	U		0.0270	0.100	1	05/07/2024 04:27	WG2281302
Fluorene	U		0.0169	0.0500	1	05/07/2024 04:27	WG2281302
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	05/07/2024 04:27	WG2281302
Naphthalene	U		0.0917	0.250	1	05/07/2024 04:27	WG2281302
Phenanthrene	U		0.0180	0.0500	1	05/07/2024 04:27	WG2281302
Pyrene	U		0.0169	0.0500	1	05/07/2024 04:27	WG2281302
1-Methylnaphthalene	U		0.0687	0.250	1	05/07/2024 04:27	WG2281302
2-Methylnaphthalene	U		0.0674	0.250	1	05/07/2024 04:27	WG2281302
2-Chloronaphthalene	U		0.0682	0.250	1	05/07/2024 04:27	WG2281302
(S) Nitrobenzene-d5	*81.6*			*31.0-160*		*05/07/2024 04:27*	WG2281302
(S) 2-Fluorobiphenyl	*122*			*48.0-148*		*05/07/2024 04:27*	WG2281302
(S) p-Terphenyl-d14	*123*			*37.0-146*		*05/07/2024 04:27*	WG2281302

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/04/2024 23:41	WG2280416
Acrolein	U		2.54	50.0	1	05/04/2024 23:41	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/04/2024 23:41	WG2280416
Benzene	U		0.0941	1.00	1	05/04/2024 23:41	WG2280416
Bromobenzene	U		0.118	1.00	1	05/04/2024 23:41	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/04/2024 23:41	WG2280416
Bromoform	U		0.129	1.00	1	05/04/2024 23:41	WG2280416
Bromomethane	U		0.605	5.00	1	05/04/2024 23:41	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/04/2024 23:41	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/04/2024 23:41	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/04/2024 23:41	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/04/2024 23:41	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/04/2024 23:41	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/04/2024 23:41	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/04/2024 23:41	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/04/2024 23:41	WG2280416
Chloroethane	U		0.192	5.00	1	05/04/2024 23:41	WG2280416
Chloroform	U		0.111	5.00	1	05/04/2024 23:41	WG2280416
Chloromethane	U		0.960	2.50	1	05/04/2024 23:41	WG2280416
Cyclohexane	U		0.188	1.00	1	05/04/2024 23:41	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/04/2024 23:41	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/04/2024 23:41	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/04/2024 23:41	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/04/2024 23:41	WG2280416
Dibromomethane	U		0.122	1.00	1	05/04/2024 23:41	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/04/2024 23:41	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/04/2024 23:41	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/04/2024 23:41	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/04/2024 23:41	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/04/2024 23:41	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/04/2024 23:41	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/04/2024 23:41	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/04/2024 23:41	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/04/2024 23:41	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/04/2024 23:41	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/04/2024 23:41	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/04/2024 23:41	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/04/2024 23:41	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/04/2024 23:41	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/04/2024 23:41	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/04/2024 23:41	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/04/2024 23:41	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/04/2024 23:41	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/04/2024 23:41	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/04/2024 23:41	WG2280416
n-Hexane	U		0.749	10.0	1	05/04/2024 23:41	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/04/2024 23:41	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/04/2024 23:41	WG2280416
2-Butanone (MEK)	2.10	E4	1.19	10.0	1	05/04/2024 23:41	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/04/2024 23:41	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/04/2024 23:41	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/04/2024 23:41	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/04/2024 23:41	WG2280416
Naphthalene	U		1.00	5.00	1	05/04/2024 23:41	WG2280416
Propene	1.67	E4 R7	0.936	2.50	1	05/04/2024 23:41	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/04/2024 23:41	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/04/2024 23:41	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/04/2024 23:41	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/04/2024 23:41	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/04/2024 23:41	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/04/2024 23:41	WG2280416
Toluene	U		0.278	1.00	1	05/04/2024 23:41	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/04/2024 23:41	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/04/2024 23:41	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/04/2024 23:41	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/04/2024 23:41	WG2280416
Trichloroethene	U		0.190	1.00	1	05/04/2024 23:41	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/04/2024 23:41	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/04/2024 23:41	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/04/2024 23:41	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 23:41	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 23:41	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/04/2024 23:41	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/04/2024 23:41	WG2280416
(S) Toluene-d8	*108*			*80.0-120*		*05/04/2024 23:41*	WG2280416
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*05/04/2024 23:41*	WG2280416
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*05/04/2024 23:41*	WG2280416

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	U		0.0190	0.0500	1	05/07/2024 04:45	WG2281302
Acenaphthene	U		0.0190	0.0500	1	05/07/2024 04:45	WG2281302
Acenaphthylene	U		0.0171	0.0500	1	05/07/2024 04:45	WG2281302
Benzo(a)anthracene	U		0.0203	0.0500	1	05/07/2024 04:45	WG2281302
Benzo(a)pyrene	U		0.0184	0.0500	1	05/07/2024 04:45	WG2281302
Benzo(b)fluoranthene	U		0.0168	0.0500	1	05/07/2024 04:45	WG2281302
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	05/07/2024 04:45	WG2281302
Benzo(k)fluoranthene	U		0.0202	0.0500	1	05/07/2024 04:45	WG2281302
Chrysene	U		0.0179	0.0500	1	05/07/2024 04:45	WG2281302
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	05/07/2024 04:45	WG2281302
Fluoranthene	U		0.0270	0.100	1	05/07/2024 04:45	WG2281302
Fluorene	U		0.0169	0.0500	1	05/07/2024 04:45	WG2281302
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	05/07/2024 04:45	WG2281302
Naphthalene	U		0.0917	0.250	1	05/07/2024 04:45	WG2281302
Phenanthrene	U		0.0180	0.0500	1	05/07/2024 04:45	WG2281302
Pyrene	U		0.0169	0.0500	1	05/07/2024 04:45	WG2281302
1-Methylnaphthalene	U		0.0687	0.250	1	05/07/2024 04:45	WG2281302
2-Methylnaphthalene	U		0.0674	0.250	1	05/07/2024 04:45	WG2281302
2-Chloronaphthalene	U		0.0682	0.250	1	05/07/2024 04:45	WG2281302
(S) Nitrobenzene-d5	*74.2*			*31.0-160*		*05/07/2024 04:45*	WG2281302
(S) 2-Fluorobiphenyl	*119*			*48.0-148*		*05/07/2024 04:45*	WG2281302
(S) p-Terphenyl-d14	*122*			*37.0-146*		*05/07/2024 04:45*	WG2281302

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/05/2024 00:02	WG2280416
Acrolein	U		2.54	50.0	1	05/05/2024 00:02	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/05/2024 00:02	WG2280416
Benzene	U		0.0941	1.00	1	05/05/2024 00:02	WG2280416
Bromobenzene	U		0.118	1.00	1	05/05/2024 00:02	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/05/2024 00:02	WG2280416
Bromoform	U		0.129	1.00	1	05/05/2024 00:02	WG2280416
Bromomethane	U		0.605	5.00	1	05/05/2024 00:02	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/05/2024 00:02	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/05/2024 00:02	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/05/2024 00:02	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/05/2024 00:02	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/05/2024 00:02	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/05/2024 00:02	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/05/2024 00:02	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/05/2024 00:02	WG2280416
Chloroethane	U		0.192	5.00	1	05/05/2024 00:02	WG2280416
Chloroform	U		0.111	5.00	1	05/05/2024 00:02	WG2280416
Chloromethane	U		0.960	2.50	1	05/05/2024 00:02	WG2280416
Cyclohexane	U		0.188	1.00	1	05/05/2024 00:02	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/05/2024 00:02	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/05/2024 00:02	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/05/2024 00:02	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/05/2024 00:02	WG2280416
Dibromomethane	U		0.122	1.00	1	05/05/2024 00:02	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/05/2024 00:02	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/05/2024 00:02	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/05/2024 00:02	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/05/2024 00:02	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/05/2024 00:02	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/05/2024 00:02	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/05/2024 00:02	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/05/2024 00:02	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/05/2024 00:02	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/05/2024 00:02	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/05/2024 00:02	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/05/2024 00:02	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/05/2024 00:02	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/05/2024 00:02	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/05/2024 00:02	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/05/2024 00:02	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/05/2024 00:02	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/05/2024 00:02	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/05/2024 00:02	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/05/2024 00:02	WG2280416
n-Hexane	U		0.749	10.0	1	05/05/2024 00:02	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/05/2024 00:02	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/05/2024 00:02	WG2280416
2-Butanone (MEK)	U		1.19	10.0	1	05/05/2024 00:02	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/05/2024 00:02	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/05/2024 00:02	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/05/2024 00:02	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/05/2024 00:02	WG2280416
Naphthalene	U		1.00	5.00	1	05/05/2024 00:02	WG2280416
Propene	U	R7	0.936	2.50	1	05/05/2024 00:02	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/05/2024 00:02	WG2280416

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Styrene	U		0.118	1.00	1	05/05/2024 00:02	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/05/2024 00:02	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/05/2024 00:02	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/05/2024 00:02	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/05/2024 00:02	WG2280416
Toluene	U		0.278	1.00	1	05/05/2024 00:02	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/05/2024 00:02	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/05/2024 00:02	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/05/2024 00:02	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/05/2024 00:02	WG2280416
Trichloroethene	U		0.190	1.00	1	05/05/2024 00:02	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/05/2024 00:02	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/05/2024 00:02	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/05/2024 00:02	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/05/2024 00:02	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/05/2024 00:02	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/05/2024 00:02	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/05/2024 00:02	WG2280416
(S) Toluene-d8	*105*			*80.0-120*		*05/05/2024 00:02*	WG2280416
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*05/05/2024 00:02*	WG2280416
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*05/05/2024 00:02*	WG2280416

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	U		0.0190	0.0500	1	05/07/2024 05:02	WG2281302
Acenaphthene	U		0.0190	0.0500	1	05/07/2024 05:02	WG2281302
Acenaphthylene	U		0.0171	0.0500	1	05/07/2024 05:02	WG2281302
Benzo(a)anthracene	U		0.0203	0.0500	1	05/07/2024 05:02	WG2281302
Benzo(a)pyrene	U		0.0184	0.0500	1	05/07/2024 05:02	WG2281302
Benzo(b)fluoranthene	U		0.0168	0.0500	1	05/07/2024 05:02	WG2281302
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	05/07/2024 05:02	WG2281302
Benzo(k)fluoranthene	U		0.0202	0.0500	1	05/07/2024 05:02	WG2281302
Chrysene	U		0.0179	0.0500	1	05/07/2024 05:02	WG2281302
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	05/07/2024 05:02	WG2281302
Fluoranthene	U		0.0270	0.100	1	05/07/2024 05:02	WG2281302
Fluorene	U		0.0169	0.0500	1	05/07/2024 05:02	WG2281302
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	05/07/2024 05:02	WG2281302
Naphthalene	U		0.0917	0.250	1	05/07/2024 05:02	WG2281302
Phenanthrene	U		0.0180	0.0500	1	05/07/2024 05:02	WG2281302
Pyrene	U		0.0169	0.0500	1	05/07/2024 05:02	WG2281302
1-Methylnaphthalene	U		0.0687	0.250	1	05/07/2024 05:02	WG2281302
2-Methylnaphthalene	U		0.0674	0.250	1	05/07/2024 05:02	WG2281302
2-Chloronaphthalene	U		0.0682	0.250	1	05/07/2024 05:02	WG2281302
(S) Nitrobenzene-d5	*82.1*			*31.0-160*		*05/07/2024 05:02*	WG2281302
(S) 2-Fluorobiphenyl	*125*			*48.0-148*		*05/07/2024 05:02*	WG2281302
(S) p-Terphenyl-d14	*124*			*37.0-146*		*05/07/2024 05:02*	WG2281302

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/05/2024 00:23	WG2280416
Acrolein	U		2.54	50.0	1	05/05/2024 00:23	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/05/2024 00:23	WG2280416
Benzene	U		0.0941	1.00	1	05/05/2024 00:23	WG2280416
Bromobenzene	U		0.118	1.00	1	05/05/2024 00:23	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/05/2024 00:23	WG2280416
Bromoform	U		0.129	1.00	1	05/05/2024 00:23	WG2280416
Bromomethane	U		0.605	5.00	1	05/05/2024 00:23	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/05/2024 00:23	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/05/2024 00:23	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/05/2024 00:23	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/05/2024 00:23	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/05/2024 00:23	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/05/2024 00:23	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/05/2024 00:23	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/05/2024 00:23	WG2280416
Chloroethane	U		0.192	5.00	1	05/05/2024 00:23	WG2280416
Chloroform	U		0.111	5.00	1	05/05/2024 00:23	WG2280416
Chloromethane	U		0.960	2.50	1	05/05/2024 00:23	WG2280416
Cyclohexane	U		0.188	1.00	1	05/05/2024 00:23	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/05/2024 00:23	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/05/2024 00:23	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/05/2024 00:23	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/05/2024 00:23	WG2280416
Dibromomethane	U		0.122	1.00	1	05/05/2024 00:23	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/05/2024 00:23	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/05/2024 00:23	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/05/2024 00:23	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/05/2024 00:23	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/05/2024 00:23	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/05/2024 00:23	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/05/2024 00:23	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/05/2024 00:23	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/05/2024 00:23	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/05/2024 00:23	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/05/2024 00:23	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/05/2024 00:23	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/05/2024 00:23	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/05/2024 00:23	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/05/2024 00:23	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/05/2024 00:23	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/05/2024 00:23	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/05/2024 00:23	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/05/2024 00:23	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/05/2024 00:23	WG2280416
n-Hexane	U		0.749	10.0	1	05/05/2024 00:23	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/05/2024 00:23	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/05/2024 00:23	WG2280416
2-Butanone (MEK)	U		1.19	10.0	1	05/05/2024 00:23	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/05/2024 00:23	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/05/2024 00:23	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/05/2024 00:23	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/05/2024 00:23	WG2280416
Naphthalene	U		1.00	5.00	1	05/05/2024 00:23	WG2280416
Propene	U	R7	0.936	2.50	1	05/05/2024 00:23	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/05/2024 00:23	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/05/2024 00:23	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/05/2024 00:23	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/05/2024 00:23	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/05/2024 00:23	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/05/2024 00:23	WG2280416
Toluene	U		0.278	1.00	1	05/05/2024 00:23	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/05/2024 00:23	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/05/2024 00:23	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/05/2024 00:23	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/05/2024 00:23	WG2280416
Trichloroethene	U		0.190	1.00	1	05/05/2024 00:23	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/05/2024 00:23	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/05/2024 00:23	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/05/2024 00:23	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/05/2024 00:23	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/05/2024 00:23	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/05/2024 00:23	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/05/2024 00:23	WG2280416
(S) Toluene-d8	*106*			*80.0-120*		*05/05/2024 00:23*	WG2280416
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*05/05/2024 00:23*	WG2280416
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*05/05/2024 00:23*	WG2280416

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	U		0.0190	0.0500	1	05/07/2024 05:20	WG2281302
Acenaphthene	U		0.0190	0.0500	1	05/07/2024 05:20	WG2281302
Acenaphthylene	U		0.0171	0.0500	1	05/07/2024 05:20	WG2281302
Benzo(a)anthracene	U		0.0203	0.0500	1	05/07/2024 05:20	WG2281302
Benzo(a)pyrene	U		0.0184	0.0500	1	05/07/2024 05:20	WG2281302
Benzo(b)fluoranthene	U		0.0168	0.0500	1	05/07/2024 05:20	WG2281302
Benzo(g,h,i)perylene	U		0.0184	0.0500	1	05/07/2024 05:20	WG2281302
Benzo(k)fluoranthene	U		0.0202	0.0500	1	05/07/2024 05:20	WG2281302
Chrysene	U		0.0179	0.0500	1	05/07/2024 05:20	WG2281302
Dibenz(a,h)anthracene	U		0.0160	0.0500	1	05/07/2024 05:20	WG2281302
Fluoranthene	U		0.0270	0.100	1	05/07/2024 05:20	WG2281302
Fluorene	U		0.0169	0.0500	1	05/07/2024 05:20	WG2281302
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500	1	05/07/2024 05:20	WG2281302
Naphthalene	U		0.0917	0.250	1	05/07/2024 05:20	WG2281302
Phenanthrene	U		0.0180	0.0500	1	05/07/2024 05:20	WG2281302
Pyrene	U		0.0169	0.0500	1	05/07/2024 05:20	WG2281302
1-Methylnaphthalene	U		0.0687	0.250	1	05/07/2024 05:20	WG2281302
2-Methylnaphthalene	U		0.0674	0.250	1	05/07/2024 05:20	WG2281302
2-Chloronaphthalene	U		0.0682	0.250	1	05/07/2024 05:20	WG2281302
(S) Nitrobenzene-d5	*81.6*			*31.0-160*		*05/07/2024 05:20*	WG2281302
(S) 2-Fluorobiphenyl	*122*			*48.0-148*		*05/07/2024 05:20*	WG2281302
(S) p-Terphenyl-d14	*121*			*37.0-146*		*05/07/2024 05:20*	WG2281302

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/04/2024 22:19	WG2280416
Acrolein	U		2.54	50.0	1	05/04/2024 22:19	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/04/2024 22:19	WG2280416
Benzene	U		0.0941	1.00	1	05/04/2024 22:19	WG2280416
Bromobenzene	U		0.118	1.00	1	05/04/2024 22:19	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/04/2024 22:19	WG2280416
Bromoform	U		0.129	1.00	1	05/04/2024 22:19	WG2280416
Bromomethane	U		0.605	5.00	1	05/04/2024 22:19	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/04/2024 22:19	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/04/2024 22:19	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/04/2024 22:19	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/04/2024 22:19	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/04/2024 22:19	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/04/2024 22:19	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/04/2024 22:19	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/04/2024 22:19	WG2280416
Chloroethane	U		0.192	5.00	1	05/04/2024 22:19	WG2280416
Chloroform	U		0.111	5.00	1	05/04/2024 22:19	WG2280416
Chloromethane	U		0.960	2.50	1	05/04/2024 22:19	WG2280416
Cyclohexane	U		0.188	1.00	1	05/04/2024 22:19	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/04/2024 22:19	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/04/2024 22:19	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/04/2024 22:19	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/04/2024 22:19	WG2280416
Dibromomethane	U		0.122	1.00	1	05/04/2024 22:19	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/04/2024 22:19	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/04/2024 22:19	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/04/2024 22:19	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/04/2024 22:19	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/04/2024 22:19	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/04/2024 22:19	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/04/2024 22:19	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/04/2024 22:19	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/04/2024 22:19	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/04/2024 22:19	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/04/2024 22:19	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/04/2024 22:19	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/04/2024 22:19	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/04/2024 22:19	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/04/2024 22:19	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/04/2024 22:19	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/04/2024 22:19	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/04/2024 22:19	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/04/2024 22:19	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/04/2024 22:19	WG2280416
n-Hexane	U		0.749	10.0	1	05/04/2024 22:19	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/04/2024 22:19	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/04/2024 22:19	WG2280416
2-Butanone (MEK)	U		1.19	10.0	1	05/04/2024 22:19	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/04/2024 22:19	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/04/2024 22:19	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/04/2024 22:19	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/04/2024 22:19	WG2280416
Naphthalene	U		1.00	5.00	1	05/04/2024 22:19	WG2280416
Propene	U	R7	0.936	2.50	1	05/04/2024 22:19	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/04/2024 22:19	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/04/2024 22:19	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/04/2024 22:19	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/04/2024 22:19	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/04/2024 22:19	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/04/2024 22:19	WG2280416
Toluene	U		0.278	1.00	1	05/04/2024 22:19	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/04/2024 22:19	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/04/2024 22:19	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/04/2024 22:19	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/04/2024 22:19	WG2280416
Trichloroethene	U		0.190	1.00	1	05/04/2024 22:19	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/04/2024 22:19	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/04/2024 22:19	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/04/2024 22:19	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 22:19	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 22:19	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/04/2024 22:19	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/04/2024 22:19	WG2280416
(S) Toluene-d8	*106*			*80.0-120*		*05/04/2024 22:19*	WG2280416
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*05/04/2024 22:19*	WG2280416
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*05/04/2024 22:19*	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/05/2024 00:43	WG2280416
Acrolein	U		2.54	50.0	1	05/05/2024 00:43	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/05/2024 00:43	WG2280416
Benzene	U		0.0941	1.00	1	05/05/2024 00:43	WG2280416
Bromobenzene	U		0.118	1.00	1	05/05/2024 00:43	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/05/2024 00:43	WG2280416
Bromoform	U		0.129	1.00	1	05/05/2024 00:43	WG2280416
Bromomethane	U		0.605	5.00	1	05/05/2024 00:43	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/05/2024 00:43	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/05/2024 00:43	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/05/2024 00:43	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/05/2024 00:43	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/05/2024 00:43	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/05/2024 00:43	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/05/2024 00:43	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/05/2024 00:43	WG2280416
Chloroethane	U		0.192	5.00	1	05/05/2024 00:43	WG2280416
Chloroform	U		0.111	5.00	1	05/05/2024 00:43	WG2280416
Chloromethane	U		0.960	2.50	1	05/05/2024 00:43	WG2280416
Cyclohexane	U		0.188	1.00	1	05/05/2024 00:43	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/05/2024 00:43	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/05/2024 00:43	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/05/2024 00:43	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/05/2024 00:43	WG2280416
Dibromomethane	U		0.122	1.00	1	05/05/2024 00:43	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/05/2024 00:43	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/05/2024 00:43	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/05/2024 00:43	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/05/2024 00:43	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/05/2024 00:43	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/05/2024 00:43	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/05/2024 00:43	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/05/2024 00:43	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/05/2024 00:43	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/05/2024 00:43	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/05/2024 00:43	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/05/2024 00:43	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/05/2024 00:43	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/05/2024 00:43	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/05/2024 00:43	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/05/2024 00:43	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/05/2024 00:43	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/05/2024 00:43	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/05/2024 00:43	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/05/2024 00:43	WG2280416
n-Hexane	U		0.749	10.0	1	05/05/2024 00:43	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/05/2024 00:43	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/05/2024 00:43	WG2280416
2-Butanone (MEK)	U		1.19	10.0	1	05/05/2024 00:43	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/05/2024 00:43	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/05/2024 00:43	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/05/2024 00:43	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/05/2024 00:43	WG2280416
Naphthalene	U		1.00	5.00	1	05/05/2024 00:43	WG2280416
Propene	U	R7	0.936	2.50	1	05/05/2024 00:43	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/05/2024 00:43	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/05/2024 00:43	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/05/2024 00:43	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/05/2024 00:43	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/05/2024 00:43	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/05/2024 00:43	WG2280416
Toluene	U		0.278	1.00	1	05/05/2024 00:43	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/05/2024 00:43	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/05/2024 00:43	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/05/2024 00:43	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/05/2024 00:43	WG2280416
Trichloroethene	U		0.190	1.00	1	05/05/2024 00:43	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/05/2024 00:43	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/05/2024 00:43	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/05/2024 00:43	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/05/2024 00:43	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/05/2024 00:43	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/05/2024 00:43	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/05/2024 00:43	WG2280416
(S) Toluene-d8	*109*			*80.0-120*		*05/05/2024 00:43*	WG2280416
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*05/05/2024 00:43*	WG2280416
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*05/05/2024 00:43*	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	R7	11.3	50.0	1	05/04/2024 21:58	WG2280416
Acrolein	U		2.54	50.0	1	05/04/2024 21:58	WG2280416
Acrylonitrile	U		0.671	10.0	1	05/04/2024 21:58	WG2280416
Benzene	U		0.0941	1.00	1	05/04/2024 21:58	WG2280416
Bromobenzene	U		0.118	1.00	1	05/04/2024 21:58	WG2280416
Bromodichloromethane	U		0.136	1.00	1	05/04/2024 21:58	WG2280416
Bromoform	U		0.129	1.00	1	05/04/2024 21:58	WG2280416
Bromomethane	U		0.605	5.00	1	05/04/2024 21:58	WG2280416
1,3-Butadiene	U		0.299	2.00	1	05/04/2024 21:58	WG2280416
n-Butylbenzene	U		0.157	1.00	1	05/04/2024 21:58	WG2280416
sec-Butylbenzene	U		0.125	1.00	1	05/04/2024 21:58	WG2280416
tert-Butylbenzene	U		0.127	1.00	1	05/04/2024 21:58	WG2280416
Carbon tetrachloride	U		0.128	1.00	1	05/04/2024 21:58	WG2280416
Carbon disulfide	U		0.0962	1.00	1	05/04/2024 21:58	WG2280416
Chlorobenzene	U		0.116	1.00	1	05/04/2024 21:58	WG2280416
Chlorodibromomethane	U		0.140	1.00	1	05/04/2024 21:58	WG2280416
Chloroethane	U		0.192	5.00	1	05/04/2024 21:58	WG2280416
Chloroform	U		0.111	5.00	1	05/04/2024 21:58	WG2280416
Chloromethane	U		0.960	2.50	1	05/04/2024 21:58	WG2280416
Cyclohexane	U		0.188	1.00	1	05/04/2024 21:58	WG2280416
2-Chlorotoluene	U		0.106	1.00	1	05/04/2024 21:58	WG2280416
4-Chlorotoluene	U		0.114	1.00	1	05/04/2024 21:58	WG2280416
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	05/04/2024 21:58	WG2280416
1,2-Dibromoethane	U		0.126	1.00	1	05/04/2024 21:58	WG2280416
Dibromomethane	U		0.122	1.00	1	05/04/2024 21:58	WG2280416
1,2-Dichlorobenzene	U		0.107	1.00	1	05/04/2024 21:58	WG2280416
1,3-Dichlorobenzene	U		0.110	1.00	1	05/04/2024 21:58	WG2280416
1,4-Dichlorobenzene	U		0.120	1.00	1	05/04/2024 21:58	WG2280416
Dichlorodifluoromethane	U		0.374	5.00	1	05/04/2024 21:58	WG2280416
1,1-Dichloroethane	U		0.100	1.00	1	05/04/2024 21:58	WG2280416
1,2-Dichloroethane	U		0.0819	1.00	1	05/04/2024 21:58	WG2280416
1,1-Dichloroethene	U		0.188	1.00	1	05/04/2024 21:58	WG2280416
cis-1,2-Dichloroethene	U		0.126	1.00	1	05/04/2024 21:58	WG2280416
trans-1,2-Dichloroethene	U		0.149	1.00	1	05/04/2024 21:58	WG2280416
1,2-Dichloropropane	U		0.149	1.00	1	05/04/2024 21:58	WG2280416
1,1-Dichloropropene	U		0.142	1.00	1	05/04/2024 21:58	WG2280416
1,3-Dichloropropane	U		0.110	1.00	1	05/04/2024 21:58	WG2280416
cis-1,3-Dichloropropene	U		0.111	1.00	1	05/04/2024 21:58	WG2280416
trans-1,3-Dichloropropene	U		0.118	1.00	1	05/04/2024 21:58	WG2280416
2,2-Dichloropropane	U		0.161	1.00	1	05/04/2024 21:58	WG2280416
Dicyclopentadiene	U		0.253	1.00	1	05/04/2024 21:58	WG2280416
Di-isopropyl ether	U		0.105	1.00	1	05/04/2024 21:58	WG2280416
Ethylbenzene	U		0.137	1.00	1	05/04/2024 21:58	WG2280416
4-Ethyltoluene	U		0.208	1.00	1	05/04/2024 21:58	WG2280416
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/04/2024 21:58	WG2280416
n-Hexane	U		0.749	10.0	1	05/04/2024 21:58	WG2280416
Isopropylbenzene	U		0.105	1.00	1	05/04/2024 21:58	WG2280416
p-Isopropyltoluene	U		0.120	1.00	1	05/04/2024 21:58	WG2280416
2-Butanone (MEK)	U		1.19	10.0	1	05/04/2024 21:58	WG2280416
Methyl Cyclohexane	U		0.660	1.00	1	05/04/2024 21:58	WG2280416
Methylene Chloride	U		0.430	5.00	1	05/04/2024 21:58	WG2280416
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	05/04/2024 21:58	WG2280416
Methyl tert-butyl ether	U		0.101	1.00	1	05/04/2024 21:58	WG2280416
Naphthalene	U		1.00	5.00	1	05/04/2024 21:58	WG2280416
Propene	U	R7	0.936	2.50	1	05/04/2024 21:58	WG2280416
n-Propylbenzene	U		0.0993	1.00	1	05/04/2024 21:58	WG2280416

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Styrene	U		0.118	1.00	1	05/04/2024 21:58	WG2280416
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	05/04/2024 21:58	WG2280416
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	05/04/2024 21:58	WG2280416
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	05/04/2024 21:58	WG2280416
Tetrachloroethene	U		0.300	1.00	1	05/04/2024 21:58	WG2280416
Toluene	U		0.278	1.00	1	05/04/2024 21:58	WG2280416
1,2,3-Trichlorobenzene	U		0.230	1.00	1	05/04/2024 21:58	WG2280416
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/04/2024 21:58	WG2280416
1,1,1-Trichloroethane	U		0.149	1.00	1	05/04/2024 21:58	WG2280416
1,1,2-Trichloroethane	U		0.158	1.00	1	05/04/2024 21:58	WG2280416
Trichloroethene	U		0.190	1.00	1	05/04/2024 21:58	WG2280416
Trichlorofluoromethane	U		0.160	5.00	1	05/04/2024 21:58	WG2280416
1,2,3-Trichloropropane	U		0.237	2.50	1	05/04/2024 21:58	WG2280416
1,2,4-Trimethylbenzene	U		0.322	1.00	1	05/04/2024 21:58	WG2280416
1,2,3-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 21:58	WG2280416
1,3,5-Trimethylbenzene	U		0.104	1.00	1	05/04/2024 21:58	WG2280416
Vinyl chloride	U		0.234	1.00	1	05/04/2024 21:58	WG2280416
Xylenes, Total	U		0.174	3.00	1	05/04/2024 21:58	WG2280416
(S) Toluene-d8	*106*			*80.0-120*		*05/04/2024 21:58*	WG2280416
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*05/04/2024 21:58*	WG2280416
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*05/04/2024 21:58*	WG2280416

Method Blank (MB)

(MB) R4066526-3 05/04/24 21:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4066526-3 05/04/24 21:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4066526-1 05/04/24 19:58 • (LCSD) R4066526-2 05/04/24 20:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	36.9	25.4	148	102	19.0-160		R7	36.9	27
Acrolein	25.0	23.4	20.9	93.6	83.6	30.0-160			11.3	26
Acrylonitrile	25.0	25.8	23.0	103	92.0	55.0-149			11.5	20
Benzene	5.00	4.79	4.78	95.8	95.6	70.0-123			0.209	20
Bromobenzene	5.00	4.64	4.75	92.8	95.0	73.0-121			2.34	20
Bromodichloromethane	5.00	4.59	4.53	91.8	90.6	75.0-120			1.32	20
Bromoform	5.00	4.20	4.09	84.0	81.8	68.0-132			2.65	20
Bromomethane	5.00	4.87	4.67	97.4	93.4	30.0-160			4.19	25
1,3-Butadiene	5.00	4.07	4.18	81.4	83.6	45.0-147			2.67	20
n-Butylbenzene	5.00	4.64	4.39	92.8	87.8	73.0-125			5.54	20
sec-Butylbenzene	5.00	4.77	4.80	95.4	96.0	75.0-125			0.627	20
tert-Butylbenzene	5.00	4.79	4.70	95.8	94.0	76.0-124			1.90	20
Carbon tetrachloride	5.00	4.88	4.72	97.6	94.4	68.0-126			3.33	20
Carbon disulfide	5.00	4.68	4.61	93.6	92.2	61.0-128			1.51	20
Chlorobenzene	5.00	4.78	4.76	95.6	95.2	80.0-121			0.419	20
Chlorodibromomethane	5.00	4.35	4.24	87.0	84.8	77.0-125			2.56	20
Chloroethane	5.00	4.39	4.27	87.8	85.4	47.0-150			2.77	20
Chloroform	5.00	4.90	4.82	98.0	96.4	73.0-120			1.65	20
Chloromethane	5.00	5.09	5.13	102	103	41.0-142			0.783	20
Cyclohexane	5.00	4.78	4.77	95.6	95.4	71.0-124			0.209	20
2-Chlorotoluene	5.00	4.49	4.59	89.8	91.8	76.0-123			2.20	20
4-Chlorotoluene	5.00	4.61	4.65	92.2	93.0	75.0-122			0.864	20
1,2-Dibromo-3-Chloropropane	5.00	3.92	3.49	78.4	69.8	58.0-134			11.6	20
1,2-Dibromoethane	5.00	4.59	4.54	91.8	90.8	80.0-122			1.10	20
Dibromomethane	5.00	4.80	4.53	96.0	90.6	80.0-120			5.79	20
1,2-Dichlorobenzene	5.00	4.79	4.74	95.8	94.8	79.0-121			1.05	20
1,3-Dichlorobenzene	5.00	4.68	4.69	93.6	93.8	79.0-120			0.213	20
1,4-Dichlorobenzene	5.00	4.64	4.65	92.8	93.0	79.0-120			0.215	20
Dichlorodifluoromethane	5.00	5.35	5.65	107	113	51.0-149			5.45	20
1,1-Dichloroethane	5.00	4.83	4.78	96.6	95.6	70.0-126			1.04	20
1,2-Dichloroethane	5.00	4.88	4.80	97.6	96.0	70.0-128			1.65	20
1,1-Dichloroethene	5.00	4.99	4.54	99.8	90.8	71.0-124			9.44	20
cis-1,2-Dichloroethene	5.00	4.96	4.84	99.2	96.8	73.0-120			2.45	20
trans-1,2-Dichloroethene	5.00	4.93	4.90	98.6	98.0	73.0-120			0.610	20
1,2-Dichloropropane	5.00	4.92	4.92	98.4	98.4	77.0-125			0.000	20
1,1-Dichloropropene	5.00	4.95	4.75	99.0	95.0	74.0-126			4.12	20
1,3-Dichloropropane	5.00	4.80	4.87	96.0	97.4	80.0-120			1.45	20
cis-1,3-Dichloropropene	5.00	4.23	4.38	84.6	87.6	80.0-123			3.48	20
trans-1,3-Dichloropropene	5.00	4.29	4.26	85.8	85.2	78.0-124			0.702	20
2,2-Dichloropropane	5.00	4.73	4.74	94.6	94.8	58.0-130			0.211	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4066526-1 05/04/24 19:58 • (LCSD) R4066526-2 05/04/24 20:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	4.70	4.83	94.0	96.6	74.0-126			2.73	20
Di-isopropyl ether	5.00	4.73	4.67	94.6	93.4	58.0-138			1.28	20
Ethylbenzene	5.00	4.77	4.73	95.4	94.6	79.0-123			0.842	20
4-Ethyltoluene	5.00	4.61	4.75	92.2	95.0	74.0-127			2.99	20
Hexachloro-1,3-butadiene	5.00	5.16	4.45	103	89.0	54.0-138			14.8	20
n-Hexane	5.00	4.60	4.06	92.0	81.2	57.0-133			12.5	20
Isopropylbenzene	5.00	4.99	4.78	99.8	95.6	76.0-127			4.30	20
p-Isopropyltoluene	5.00	4.76	4.73	95.2	94.6	76.0-125			0.632	20
2-Butanone (MEK)	25.0	26.6	24.2	106	96.8	44.0-160			9.45	20
Methyl Cyclohexane	5.00	4.23	4.41	84.6	88.2	68.0-126			4.17	20
Methylene Chloride	5.00	4.94	4.71	98.8	94.2	67.0-120			4.77	20
4-Methyl-2-pentanone (MIBK)	25.0	22.6	21.9	90.4	87.6	68.0-142			3.15	20
Methyl tert-butyl ether	5.00	4.76	4.58	95.2	91.6	68.0-125			3.85	20
Naphthalene	5.00	4.44	3.83	88.8	76.6	54.0-135			14.8	20
Propene	5.00	3.33	4.38	66.6	87.6	30.0-160		R7	27.2	20
n-Propylbenzene	5.00	4.58	4.70	91.6	94.0	77.0-124			2.59	20
Styrene	5.00	4.68	4.63	93.6	92.6	73.0-130			1.07	20
1,1,1,2-Tetrachloroethane	5.00	4.73	4.70	94.6	94.0	75.0-125			0.636	20
1,1,2,2-Tetrachloroethane	5.00	4.56	4.43	91.2	88.6	65.0-130			2.89	20
1,1,2-Trichlorotrifluoroethane	5.00	4.54	4.66	90.8	93.2	69.0-132			2.61	20
Tetrachloroethene	5.00	4.64	4.81	92.8	96.2	72.0-132			3.60	20
Toluene	5.00	4.73	4.73	94.6	94.6	79.0-120			0.000	20
1,2,3-Trichlorobenzene	5.00	4.98	4.19	99.6	83.8	50.0-138			17.2	20
1,2,4-Trichlorobenzene	5.00	5.04	4.22	101	84.4	57.0-137			17.7	20
1,1,1-Trichloroethane	5.00	4.86	4.86	97.2	97.2	73.0-124			0.000	20
1,1,2-Trichloroethane	5.00	4.60	4.77	92.0	95.4	80.0-120			3.63	20
Trichloroethene	5.00	4.96	4.81	99.2	96.2	78.0-124			3.07	20
Trichlorofluoromethane	5.00	4.31	4.09	86.2	81.8	59.0-147			5.24	20
1,2,3-Trichloropropane	5.00	4.89	4.83	97.8	96.6	73.0-130			1.23	20
1,2,4-Trimethylbenzene	5.00	4.71	4.71	94.2	94.2	76.0-121			0.000	20
1,2,3-Trimethylbenzene	5.00	4.75	4.63	95.0	92.6	77.0-120			2.56	20
1,3,5-Trimethylbenzene	5.00	4.68	4.80	93.6	96.0	76.0-122			2.53	20
Vinyl chloride	5.00	4.42	4.71	88.4	94.2	67.0-131			6.35	20
Xylenes, Total	15.0	14.5	14.3	96.7	95.3	79.0-123			1.39	20
(S) Toluene-d8				*104*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*108*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4066846-3 05/07/24 10:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
1,3-Butadiene	U		0.299	2.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
Cyclohexane	U		0.188	1.00
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00

Method Blank (MB)

(MB) R4066846-3 05/07/24 10:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Dicyclopentadiene	U		0.253	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00
4-Ethyltoluene	U		0.208	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
n-Hexane	U		0.749	10.0
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methyl Cyclohexane	U		0.660	1.00
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Propene	U		0.936	2.50
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4066846-1 05/07/24 09:01 • (LCSD) R4066846-2 05/07/24 09:22

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	24.5	23.8	98.0	95.2	19.0-160			2.90	27
Acrolein	25.0	22.0	21.7	88.0	86.8	30.0-160			1.37	26
Acrylonitrile	25.0	27.5	25.9	110	104	55.0-149			5.99	20
Benzene	5.00	4.58	4.87	91.6	97.4	70.0-123			6.14	20
Bromobenzene	5.00	4.73	5.01	94.6	100	73.0-121			5.75	20
Bromodichloromethane	5.00	4.56	4.83	91.2	96.6	75.0-120			5.75	20
Bromoform	5.00	4.14	4.10	82.8	82.0	68.0-132			0.971	20
Bromomethane	5.00	4.73	4.60	94.6	92.0	30.0-160			2.79	25
1,3-Butadiene	5.00	3.98	4.19	79.6	83.8	45.0-147			5.14	20
n-Butylbenzene	5.00	3.98	4.40	79.6	88.0	73.0-125			10.0	20
sec-Butylbenzene	5.00	4.35	4.74	87.0	94.8	75.0-125			8.58	20
tert-Butylbenzene	5.00	4.36	4.64	87.2	92.8	76.0-124			6.22	20
Carbon tetrachloride	5.00	4.41	4.73	88.2	94.6	68.0-126			7.00	20
Carbon disulfide	5.00	4.39	4.78	87.8	95.6	61.0-128			8.51	20
Chlorobenzene	5.00	4.51	4.83	90.2	96.6	80.0-121			6.85	20
Chlorodibromomethane	5.00	4.27	4.40	85.4	88.0	77.0-125			3.00	20
Chloroethane	5.00	4.32	4.70	86.4	94.0	47.0-150			8.43	20
Chloroform	5.00	4.68	4.93	93.6	98.6	73.0-120			5.20	20
Chloromethane	5.00	5.07	5.57	101	111	41.0-142			9.40	20
Cyclohexane	5.00	4.43	4.79	88.6	95.8	71.0-124			7.81	20
2-Chlorotoluene	5.00	4.46	4.67	89.2	93.4	76.0-123			4.60	20
4-Chlorotoluene	5.00	4.61	4.73	92.2	94.6	75.0-122			2.57	20
1,2-Dibromo-3-Chloropropane	5.00	3.80	3.70	76.0	74.0	58.0-134			2.67	20
1,2-Dibromoethane	5.00	4.60	4.81	92.0	96.2	80.0-122			4.46	20
Dibromomethane	5.00	4.76	4.76	95.2	95.2	80.0-120			0.000	20
1,2-Dichlorobenzene	5.00	4.59	4.84	91.8	96.8	79.0-121			5.30	20
1,3-Dichlorobenzene	5.00	4.67	4.78	93.4	95.6	79.0-120			2.33	20
1,4-Dichlorobenzene	5.00	4.62	4.85	92.4	97.0	79.0-120			4.86	20
Dichlorodifluoromethane	5.00	5.82	6.28	116	126	51.0-149			7.60	20
1,1-Dichloroethane	5.00	4.67	4.94	93.4	98.8	70.0-126			5.62	20
1,2-Dichloroethane	5.00	4.93	5.00	98.6	100	70.0-128			1.41	20
1,1-Dichloroethene	5.00	4.66	4.98	93.2	99.6	71.0-124			6.64	20
cis-1,2-Dichloroethene	5.00	4.74	4.93	94.8	98.6	73.0-120			3.93	20
trans-1,2-Dichloroethene	5.00	4.65	4.89	93.0	97.8	73.0-120			5.03	20
1,2-Dichloropropane	5.00	4.83	5.04	96.6	101	77.0-125			4.26	20
1,1-Dichloropropene	5.00	4.65	5.05	93.0	101	74.0-126			8.25	20
1,3-Dichloropropane	5.00	4.92	4.88	98.4	97.6	80.0-120			0.816	20
cis-1,3-Dichloropropene	5.00	4.36	4.53	87.2	90.6	80.0-123			3.82	20
trans-1,3-Dichloropropene	5.00	4.41	4.49	88.2	89.8	78.0-124			1.80	20
2,2-Dichloropropane	5.00	4.20	4.54	84.0	90.8	58.0-130			7.78	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4066846-1 05/07/24 09:01 • (LCSD) R4066846-2 05/07/24 09:22

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	4.54	4.77	90.8	95.4	74.0-126			4.94	20
Di-isopropyl ether	5.00	4.61	4.81	92.2	96.2	58.0-138			4.25	20
Ethylbenzene	5.00	4.45	4.76	89.0	95.2	79.0-123			6.73	20
4-Ethyltoluene	5.00	4.48	4.73	89.6	94.6	74.0-127			5.43	20
Hexachloro-1,3-butadiene	5.00	3.86	4.21	77.2	84.2	54.0-138			8.67	20
n-Hexane	5.00	4.78	5.02	95.6	100	57.0-133			4.90	20
Isopropylbenzene	5.00	4.39	4.81	87.8	96.2	76.0-127			9.13	20
p-Isopropyltoluene	5.00	4.26	4.54	85.2	90.8	76.0-125			6.36	20
2-Butanone (MEK)	25.0	25.9	25.3	104	101	44.0-160			2.34	20
Methyl Cyclohexane	5.00	4.13	4.29	82.6	85.8	68.0-126			3.80	20
Methylene Chloride	5.00	4.74	4.88	94.8	97.6	67.0-120			2.91	20
4-Methyl-2-pentanone (MIBK)	25.0	23.5	23.4	94.0	93.6	68.0-142			0.426	20
Methyl tert-butyl ether	5.00	4.65	4.75	93.0	95.0	68.0-125			2.13	20
Naphthalene	5.00	3.59	3.55	71.8	71.0	54.0-135			1.12	20
Propene	5.00	3.22	3.30	64.4	66.0	30.0-160			2.45	20
n-Propylbenzene	5.00	4.50	4.80	90.0	96.0	77.0-124			6.45	20
Styrene	5.00	4.38	4.73	87.6	94.6	73.0-130			7.68	20
1,1,1,2-Tetrachloroethane	5.00	4.36	4.53	87.2	90.6	75.0-125			3.82	20
1,1,2,2-Tetrachloroethane	5.00	4.73	4.74	94.6	94.8	65.0-130			0.211	20
1,1,2-Trichlorotrifluoroethane	5.00	4.56	4.86	91.2	97.2	69.0-132			6.37	20
Tetrachloroethene	5.00	4.49	4.78	89.8	95.6	72.0-132			6.26	20
Toluene	5.00	4.65	4.89	93.0	97.8	79.0-120			5.03	20
1,2,3-Trichlorobenzene	5.00	3.54	3.77	70.8	75.4	50.0-138			6.29	20
1,2,4-Trichlorobenzene	5.00	4.05	4.07	81.0	81.4	57.0-137			0.493	20
1,1,1-Trichloroethane	5.00	4.38	4.98	87.6	99.6	73.0-124			12.8	20
1,1,2-Trichloroethane	5.00	4.85	4.98	97.0	99.6	80.0-120			2.64	20
Trichloroethene	5.00	4.68	4.76	93.6	95.2	78.0-124			1.69	20
Trichlorofluoromethane	5.00	4.15	4.54	83.0	90.8	59.0-147			8.98	20
1,2,3-Trichloropropane	5.00	5.26	5.00	105	100	73.0-130			5.07	20
1,2,4-Trimethylbenzene	5.00	4.46	4.61	89.2	92.2	76.0-121			3.31	20
1,2,3-Trimethylbenzene	5.00	4.43	4.61	88.6	92.2	77.0-120			3.98	20
1,3,5-Trimethylbenzene	5.00	4.38	4.61	87.6	92.2	76.0-122			5.12	20
Vinyl chloride	5.00	4.25	4.61	85.0	92.2	67.0-131			8.13	20
Xylenes, Total	15.0	13.2	14.3	88.0	95.3	79.0-123			8.00	20
(S) Toluene-d8				*104*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.7*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*109*	*108*	*70.0-130*				

L1732721-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732721-03 05/07/24 17:01 • (MS) R4066846-4 05/07/24 17:22 • (MSD) R4066846-5 05/07/24 17:42

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	U	21.0	21.0	84.0	84.0	1	10.0-160			0.000	35
Acrolein	25.0	U	16.9	20.4	67.6	81.6	1	10.0-160			18.8	39
Acrylonitrile	25.0	U	22.8	24.1	91.2	96.4	1	21.0-160			5.54	32
Benzene	5.00	U	4.58	4.89	91.6	97.8	1	17.0-158			6.55	27
Bromobenzene	5.00	U	4.66	4.89	93.2	97.8	1	30.0-149			4.82	28
Bromodichloromethane	5.00	U	4.50	4.78	90.0	95.6	1	31.0-150			6.03	27
Bromoform	5.00	U	3.99	4.33	79.8	86.6	1	29.0-150			8.17	29
Bromomethane	5.00	U	4.50	4.94	90.0	98.8	1	10.0-160			9.32	38
1,3-Butadiene	5.00	U	2.93	3.36	58.6	67.2	1	10.0-160			13.7	22
n-Butylbenzene	5.00	U	4.27	4.51	85.4	90.2	1	31.0-150			5.47	30
sec-Butylbenzene	5.00	U	4.49	4.90	89.8	98.0	1	33.0-155			8.73	29
tert-Butylbenzene	5.00	U	4.46	4.77	89.2	95.4	1	34.0-153			6.72	28
Carbon tetrachloride	5.00	U	4.08	4.07	81.6	81.4	1	23.0-159			0.245	28
Carbon disulfide	5.00	U	4.04	4.60	80.8	92.0	1	10.0-156			13.0	28
Chlorobenzene	5.00	U	4.59	4.91	91.8	98.2	1	33.0-152			6.74	27
Chlorodibromomethane	5.00	U	4.27	4.50	85.4	90.0	1	37.0-149			5.25	27
Chloroethane	5.00	U	4.15	4.54	83.0	90.8	1	10.0-160			8.98	30
Chloroform	5.00	U	4.66	4.99	93.2	99.8	1	29.0-154			6.84	28
Chloromethane	5.00	U	4.66	5.22	93.2	104	1	10.0-160			11.3	29
Cyclohexane	5.00	U	3.66	4.27	73.2	85.4	1	19.0-160			15.4	23
2-Chlorotoluene	5.00	U	4.50	4.61	90.0	92.2	1	32.0-153			2.41	28
4-Chlorotoluene	5.00	U	4.61	4.88	92.2	97.6	1	32.0-150			5.69	28
1,2-Dibromo-3-Chloropropane	5.00	U	3.55	3.55	71.0	71.0	1	22.0-151			0.000	34
1,2-Dibromoethane	5.00	U	4.60	4.81	92.0	96.2	1	34.0-147			4.46	27
Dibromomethane	5.00	U	4.40	4.92	88.0	98.4	1	30.0-151			11.2	27
1,2-Dichlorobenzene	5.00	U	4.68	4.61	93.6	92.2	1	34.0-149			1.51	28
1,3-Dichlorobenzene	5.00	U	4.72	4.76	94.4	95.2	1	36.0-146			0.844	27
1,4-Dichlorobenzene	5.00	U	4.71	4.81	94.2	96.2	1	35.0-142			2.10	27
Dichlorodifluoromethane	5.00	U	5.45	6.37	109	127	1	10.0-160			15.6	29
1,1-Dichloroethane	5.00	U	4.80	5.17	96.0	103	1	25.0-158			7.42	27
1,2-Dichloroethane	5.00	U	4.65	4.95	93.0	99.0	1	29.0-151			6.25	27
1,1-Dichloroethene	5.00	U	4.05	4.85	81.0	97.0	1	11.0-160			18.0	29
cis-1,2-Dichloroethene	5.00	U	4.75	5.03	95.0	101	1	10.0-160			5.73	27
trans-1,2-Dichloroethene	5.00	U	4.54	4.93	90.8	98.6	1	17.0-153			8.24	27
1,2-Dichloropropane	5.00	U	4.69	4.96	93.8	99.2	1	30.0-156			5.60	27
1,1-Dichloropropene	5.00	U	4.58	5.19	91.6	104	1	25.0-158			12.5	27
1,3-Dichloropropane	5.00	U	4.73	4.95	94.6	99.0	1	38.0-147			4.55	27
cis-1,3-Dichloropropene	5.00	U	4.17	4.39	83.4	87.8	1	34.0-149			5.14	28
trans-1,3-Dichloropropene	5.00	U	4.34	4.60	86.8	92.0	1	32.0-149			5.82	28
2,2-Dichloropropane	5.00	U	4.62	5.17	92.4	103	1	24.0-152			11.2	29

L1732721-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1732721-03 05/07/24 17:01 • (MS) R4066846-4 05/07/24 17:22 • (MSD) R4066846-5 05/07/24 17:42

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	5.00	U	4.48	4.76	89.6	95.2	1	51.0-139			6.06	20
Di-isopropyl ether	5.00	U	4.63	4.83	92.6	96.6	1	21.0-160			4.23	28
Ethylbenzene	5.00	U	4.49	4.84	89.8	96.8	1	30.0-155			7.50	27
4-Ethyltoluene	5.00	U	4.59	4.80	91.8	96.0	1	10.0-160			4.47	20
Hexachloro-1,3-butadiene	5.00	U	4.20	4.69	84.0	93.8	1	20.0-154			11.0	34
n-Hexane	5.00	U	4.12	4.74	82.4	94.8	1	10.0-153			14.0	28
Isopropylbenzene	5.00	U	4.58	4.95	91.6	99.0	1	28.0-157			7.76	27
p-Isopropyltoluene	5.00	U	4.47	4.68	89.4	93.6	1	30.0-154			4.59	29
2-Butanone (MEK)	25.0	U	22.9	24.6	91.6	98.4	1	10.0-160			7.16	32
Methyl Cyclohexane	5.00	U	3.14	3.78	62.8	75.6	1	11.0-160			18.5	24
Methylene Chloride	5.00	U	4.47	4.89	89.4	97.8	1	23.0-144			8.97	28
4-Methyl-2-pentanone (MIBK)	25.0	U	22.2	23.7	88.8	94.8	1	29.0-160			6.54	29
Methyl tert-butyl ether	5.00	U	4.36	4.56	87.2	91.2	1	28.0-150			4.48	29
Naphthalene	5.00	U	3.57	3.85	71.4	77.0	1	12.0-156			7.55	35
Propene	5.00	U	3.79	4.35	75.8	87.0	1	10.0-160			13.8	29
n-Propylbenzene	5.00	U	4.64	4.95	92.8	99.0	1	31.0-154			6.47	28
Styrene	5.00	U	4.45	4.81	89.0	96.2	1	33.0-155			7.78	28
1,1,1,2-Tetrachloroethane	5.00	U	4.58	4.70	91.6	94.0	1	36.0-151			2.59	29
1,1,2,2-Tetrachloroethane	5.00	U	4.81	5.05	96.2	101	1	33.0-150			4.87	28
1,1,2-Trichlorotrifluoroethane	5.00	U	4.09	5.09	81.8	102	1	23.0-160			21.8	30
Tetrachloroethene	5.00	U	4.50	4.97	90.0	99.4	1	10.0-160			9.93	27
Toluene	5.00	U	4.60	5.00	92.0	100	1	26.0-154			8.33	28
1,2,3-Trichlorobenzene	5.00	U	3.95	4.15	79.0	83.0	1	17.0-150			4.94	36
1,2,4-Trichlorobenzene	5.00	U	4.11	4.22	82.2	84.4	1	24.0-150			2.64	33
1,1,1-Trichloroethane	5.00	U	4.48	5.00	89.6	100	1	23.0-160			11.0	28
1,1,2-Trichloroethane	5.00	U	4.76	4.97	95.2	99.4	1	35.0-147			4.32	27
Trichloroethene	5.00	U	4.32	4.84	86.4	96.8	1	10.0-160			11.4	25
Trichlorofluoromethane	5.00	U	3.65	4.41	73.0	88.2	1	17.0-160			18.9	31
1,2,3-Trichloropropane	5.00	U	4.92	4.87	98.4	97.4	1	34.0-151			1.02	29
1,2,4-Trimethylbenzene	5.00	U	4.63	4.61	92.6	92.2	1	26.0-154			0.433	27
1,2,3-Trimethylbenzene	5.00	U	4.67	4.74	93.4	94.8	1	32.0-149			1.49	28
1,3,5-Trimethylbenzene	5.00	U	4.55	4.75	91.0	95.0	1	28.0-153			4.30	27
Vinyl chloride	5.00	U	4.04	4.97	80.8	99.4	1	10.0-160			20.6	27
Xylenes, Total	15.0	U	13.7	14.6	91.3	97.3	1	29.0-154			6.36	28
(S) Toluene-d8					*104*	*104*		*80.0-120*				
(S) 4-Bromofluorobenzene					*99.0*	*102*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*108*	*109*		*70.0-130*				

Method Blank (MB)

(MB) R4066506-3 05/07/24 02:42

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	U		0.0190	0.0500
Acenaphthene	U		0.0190	0.0500
Acenaphthylene	U		0.0171	0.0500
Benzo(a)anthracene	U		0.0203	0.0500
Benzo(a)pyrene	U		0.0184	0.0500
Benzo(b)fluoranthene	U		0.0168	0.0500
Benzo(g,h,i)perylene	U		0.0184	0.0500
Benzo(k)fluoranthene	U		0.0202	0.0500
Chrysene	U		0.0179	0.0500
Dibenz(a,h)anthracene	U		0.0160	0.0500
Fluoranthene	U		0.0270	0.100
Fluorene	U		0.0169	0.0500
Indeno(1,2,3-cd)pyrene	U		0.0158	0.0500
Naphthalene	U		0.0917	0.250
Phenanthrene	U		0.0180	0.0500
Pyrene	U		0.0169	0.0500
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
2-Chloronaphthalene	U		0.0682	0.250
(S) Nitrobenzene-d5	*83.5*			*31.0-160*
(S) 2-Fluorobiphenyl	*123*			*48.0-148*
(S) p-Terphenyl-d14	*117*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4066506-1 05/07/24 02:07 • (LCSD) R4066506-2 05/07/24 02:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	2.00	2.05	1.99	103	99.5	67.0-150			2.97	20
Acenaphthene	2.00	1.97	2.02	98.5	101	65.0-138			2.51	20
Acenaphthylene	2.00	1.88	1.91	94.0	95.5	66.0-140			1.58	20
Benzo(a)anthracene	2.00	1.92	1.99	96.0	99.5	61.0-140			3.58	20
Benzo(a)pyrene	2.00	1.96	2.07	98.0	104	60.0-143			5.46	20
Benzo(b)fluoranthene	2.00	2.21	2.31	111	115	58.0-141			4.42	20
Benzo(g,h,i)perylene	2.00	2.06	2.26	103	113	52.0-153			9.26	20
Benzo(k)fluoranthene	2.00	2.07	2.24	104	112	58.0-148			7.89	20
Chrysene	2.00	2.16	2.25	108	112	64.0-144			4.08	20
Dibenz(a,h)anthracene	2.00	2.05	2.26	103	113	52.0-155			9.74	20
Fluoranthene	2.00	2.37	2.34	118	117	69.0-153			1.27	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4066506-1 05/07/24 02:07 • (LCSD) R4066506-2 05/07/24 02:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	2.00	2.15	2.16	107	108	64.0-136			0.464	20
Indeno(1,2,3-cd)pyrene	2.00	1.89	2.04	94.5	102	54.0-153			7.63	20
Naphthalene	2.00	1.92	1.95	96.0	97.5	61.0-137			1.55	20
Phenanthrene	2.00	2.14	2.15	107	107	62.0-137			0.466	20
Pyrene	2.00	2.06	2.09	103	104	60.0-142			1.45	20
1-Methylnaphthalene	2.00	2.15	2.18	107	109	66.0-142			1.39	20
2-Methylnaphthalene	2.00	2.16	2.22	108	111	62.0-136			2.74	20
2-Chloronaphthalene	2.00	2.26	2.31	113	115	64.0-140			2.19	20
(S) Nitrobenzene-d5				*81.5*	*81.0*	*31.0-160*				
(S) 2-Fluorobiphenyl				*120*	*120*	*48.0-148*				
(S) p-Terphenyl-d14				*110*	*115*	*37.0-146*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS35 • File ID: 0504_29

05/04/24 19:58

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0504_29	219641	91068	78046
Upper Limit		439282	182136	156092
Lower Limit		109821	45534	39023
LCS R4066526-1 WG2280416 1x	0504_29LCS	219641	91068	78046
LCSD R4066526-2 WG2280416 1x	0504_30	226918	94249	76614
BLANK R4066526-3 WG2280416 1x	0504_32	218459	86789	69898
L1732721-09 WG2280416 1x	0504_33	223484	89757	68583
L1732721-07 WG2280416 1x	0504_34	218196	87502	68564
L1732721-01 WG2280416 1x	0504_35	210273	85181	67347
L1732721-02 WG2280416 1x	0504_36	217064	88438	69745
L1732721-04 WG2280416 1x	0504_38	215850	87251	68977
L1732721-05 WG2280416 1x	0504_39	213553	88184	69633
L1732721-06 WG2280416 1x	0504_40	221733	90347	71260
L1732721-08 WG2280416 1x	0504_41	210880	84530	70490

Instrument: VOCMS35 • File ID: 0507_02

05/07/24 09:01

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0507_02	196666	82125	65889
Upper Limit		393332	164250	131778
Lower Limit		98333	41063	32945
LCS R4066846-1 WG2282028 1x	0507_02LCSA	196666	82125	65889
LCSD R4066846-2 WG2282028 1x	0507_03A	197922	81806	66556
BLANK R4066846-3 WG2282028 1x	0507_05A	197737	79547	60908
L1732721-03 WG2282028 1x	0507_22	200103	80968	62501
MS R4066846-4 WG2282028 1x	0507_23	199019	81320	65767
MSD R4066846-5 WG2282028 1x	0507_24	204747	84865	70305

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Instrument: BNAMS18 • File ID: 0506B_02

05/07/24 01:49

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0506B_02	35340	20953	38789	35987	31900
Upper Limit		70680	41906	77578	71974	63800
Lower Limit		17670	10477	19395	17994	15950
LCS R4066506-1 WG2281302 1x	0506B_03	33259	19625	36055	33028	28959
LCSD R4066506-2 WG2281302 1x	0506B_04	32510	19150	35778	32201	28170
BLANK R4066506-3 WG2281302 1x	0506B_05	31641	18343	33787	30113	26493
L1732721-01 WG2281302 1x	0506B_09	31243	18590	34033	29597	25834
L1732721-02 WG2281302 1x	0506B_10	30558	18259	33230	29193	25589
L1732721-03 WG2281302 1x	0506B_11	30346	17879	32469	28917	25215
L1732721-04 WG2281302 1x	0506B_12	31130	18365	33528	29624	26243
L1732721-05 WG2281302 1x	0506B_13	30182	17701	31861	28346	24729
L1732721-06 WG2281302 1x	0506B_14	30396	17909	33141	28784	25255

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Parker Schroeder**

Email To: **parker@encore-consulting.net;shanda@encore-**

Project Description: **Circle K Store No. 2705326**

City/State Collected: **Chino Valley, AZ**

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **CK2705326**

Lab Project # **ENCORETAZ-2705326**

Collected by (print): **Jesus Ibarra**

Site/Facility ID # **CK2705326**

P.O. # **2705326**

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
X Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

PAHSIMLVI 40mlAmb-NoPres-WT
V8260AZ 40mlAmb-HCl

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # UT32721

G018

Acctnum: **ENCORETAZ**
Template: **T252016**
Prelogin: **P1072704**
PM: **288 - Daphne Richards**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	V8260AZ 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-1	G	GW	166	5/3/24	0645	5	X	X		-01
MW-3	G	GW	202	5/1/24	1420	5	X	X		-02
MW-4	G	GW	202	5/1/24	1157	10	X	X	MS/MSD	-03
MW-5	G	GW	166	5/3/24	0618	5	X	X		-04
MW-6	G	GW	202	5/2/24	0900	5	X	X		-05
MW-7	G	GW	186	5/2/24	1900	5	X	X		-06
Equipment Blnk	~~G~~ G	OT	-	5/1/24	0748	3	X			-07
Duplicate	G	GW	166	5/3/24	0630	~~3~~ 3	X			-08
Trip Blnk	-	-	-	-	-	1	X			-09

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCl / MeoH TBR	
	5/3/24	0705		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.4°C Bottles Received:	If preservation required by Login: Date/Time
	5/3/24	0934		2.2+0.1=2.3 41	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
	5/3/24	1800		5.4.24 800	

ENPAZ

DRINKING WATER WELLS

ANALYTICAL REPORT

February 28, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1709769
Samples Received:	02/28/2024
Project Number:	CK2705326
Description:	Circle K Store 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

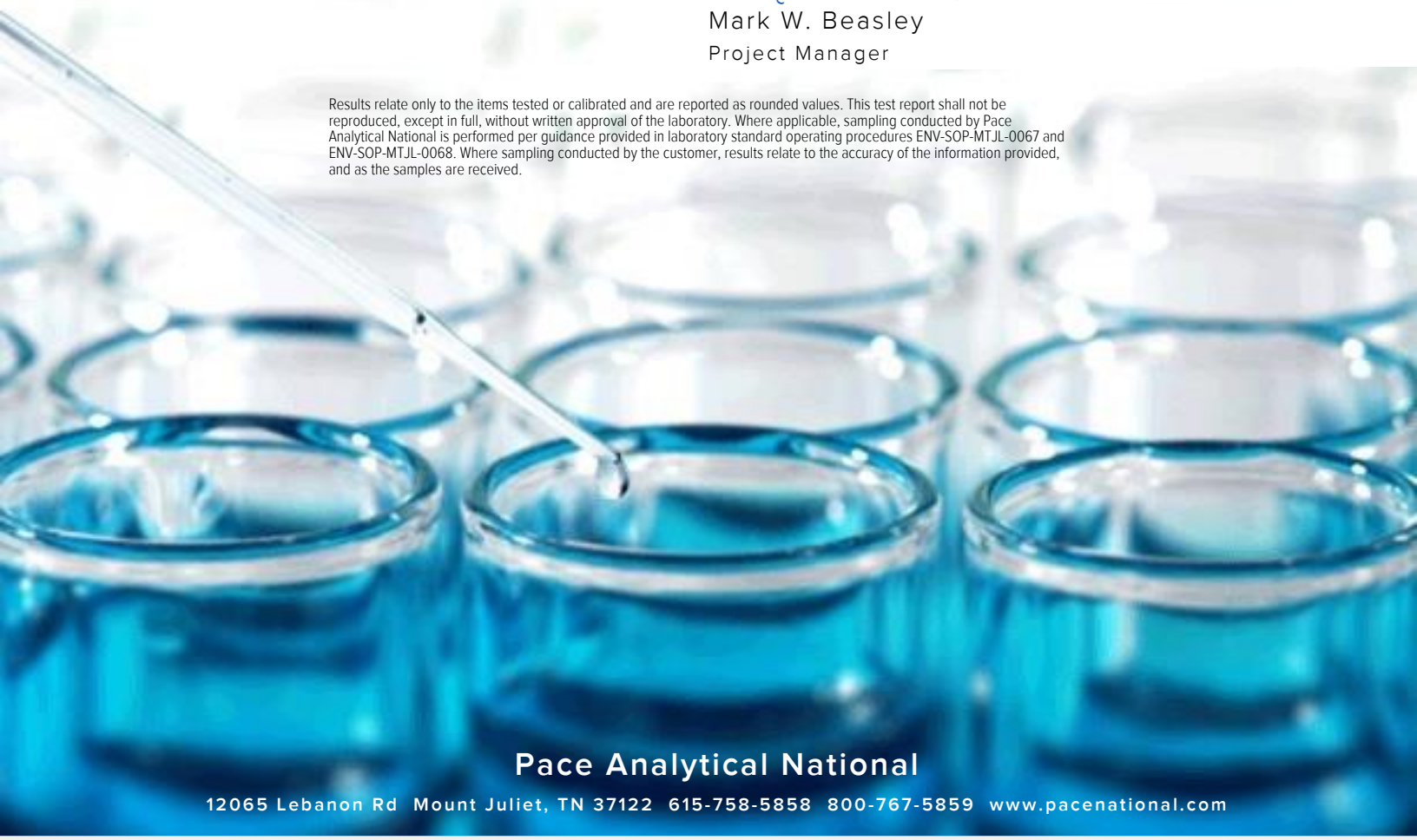


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SAMPLE SUMMARY

55-516692 L1709769-01 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 16:00 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 22:21	02/28/24 22:21	JTO	Mt. Juliet, TN

55-504425 L1709769-02 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 16:45 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 22:44	02/28/24 22:44	JTO	Mt. Juliet, TN

178ONHWY89 L1709769-03 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 17:18 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 23:07	02/28/24 23:07	JTO	Mt. Juliet, TN

DUP-1 L1709769-04 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 17:21 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 23:30	02/28/24 23:30	JTO	Mt. Juliet, TN

TRIP BLANK L1709769-05 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 00:00 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 21:57	02/28/24 21:57	JTO	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mark W. Beasley
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1709769-01	55-516692	524.2
L1709769-02	55-504425	524.2
L1709769-03	178ONHWY89	524.2
L1709769-04	DUP-1	524.2
L1709769-05	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 22:21	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 22:21	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 22:21	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 22:21	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 22:44	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 22:44	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 22:44	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 22:44	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 23:07	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 23:07	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 23:07	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 23:07	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 23:30	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 23:30	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 23:30	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 23:30	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 21:57	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 21:57	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 21:57	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 21:57	WG2236300

Method Blank (MB)

(MB) R4039546-3 02/28/24 21:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039546-1 02/28/24 20:02 • (LCSD) R4039546-2 02/28/24 20:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.45	4.38	89.0	87.6	70.0-130			1.59	20
Xylenes, Total	15.0	13.3	13.0	88.7	86.7	70.0-130			2.28	20
Toluene	5.00	4.36	4.34	87.2	86.8	70.0-130			0.460	20
Ethylbenzene	5.00	4.42	4.31	88.4	86.2	70.0-130			2.52	20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0228_21

02/28/24 20:02

Sample ID	File ID	FLUOROBENZENE Response
Standard	0228_21	323829
Upper Limit		420978
Lower Limit		226680
LCS R4039546-1 WG2236300 1x	0228_21LCS	323829
LCSD R4039546-2 WG2236300 1x	0228_22	343694
BLANK R4039546-3 WG2236300 1x	0228_25	302860
L1709769-05 WG2236300 1x	0228_26	299000
L1709769-01 WG2236300 1x	0228_27	307357
L1709769-02 WG2236300 1x	0228_28	321880
L1709769-03 WG2236300 1x	0228_29	296923
L1709769-04 WG2236300 1x	0228_30	287718

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Acounts Payable
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project #

Collected by (print): Shunda Wagner

Site/Facility ID # **CK2705326**

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
X Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed 2/28/2024

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 524.4 / 40ml amber / Ascorbic Acid+	524.4 BTEX w/ HCl preserv.											
55-516692	G	DW	—	2/26/24	16:00	3	X												-01
55-504425	G	DW	—	2/26/24	16:45	3	X												-02
178ONHW489	G	DW	—	2/26/24	17:18	3	X												-03
DUP-1	G	DW	—	2/26/24	17:21	3	X												-04
TRIP BLANK	—	—	—	2/26/24	—	1		X											-05

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1709769
H183

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Remarks | Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	2/26/24	1748	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	2/27/24	0754	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	2/27/24	0938	Easton Ogan

Trip Blank Received: (Yes) / No
HCL / MeoH
TBR

Temp: DPA9 °C 3.2+0 Bottles Received: 12

If preservation required by Login: Date/Time

Date: 2/29/24 Time: 0808

Hold:

Condition: NCF / OK

Relinquished: Kyle Duke 2/27/24 0940 Relinquished: Kyle Duke 2/27/24 1600 SWA

ANALYTICAL REPORT

February 28, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1709769
Samples Received:	02/28/2024
Project Number:	CK2705326
Description:	Circle K Store 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

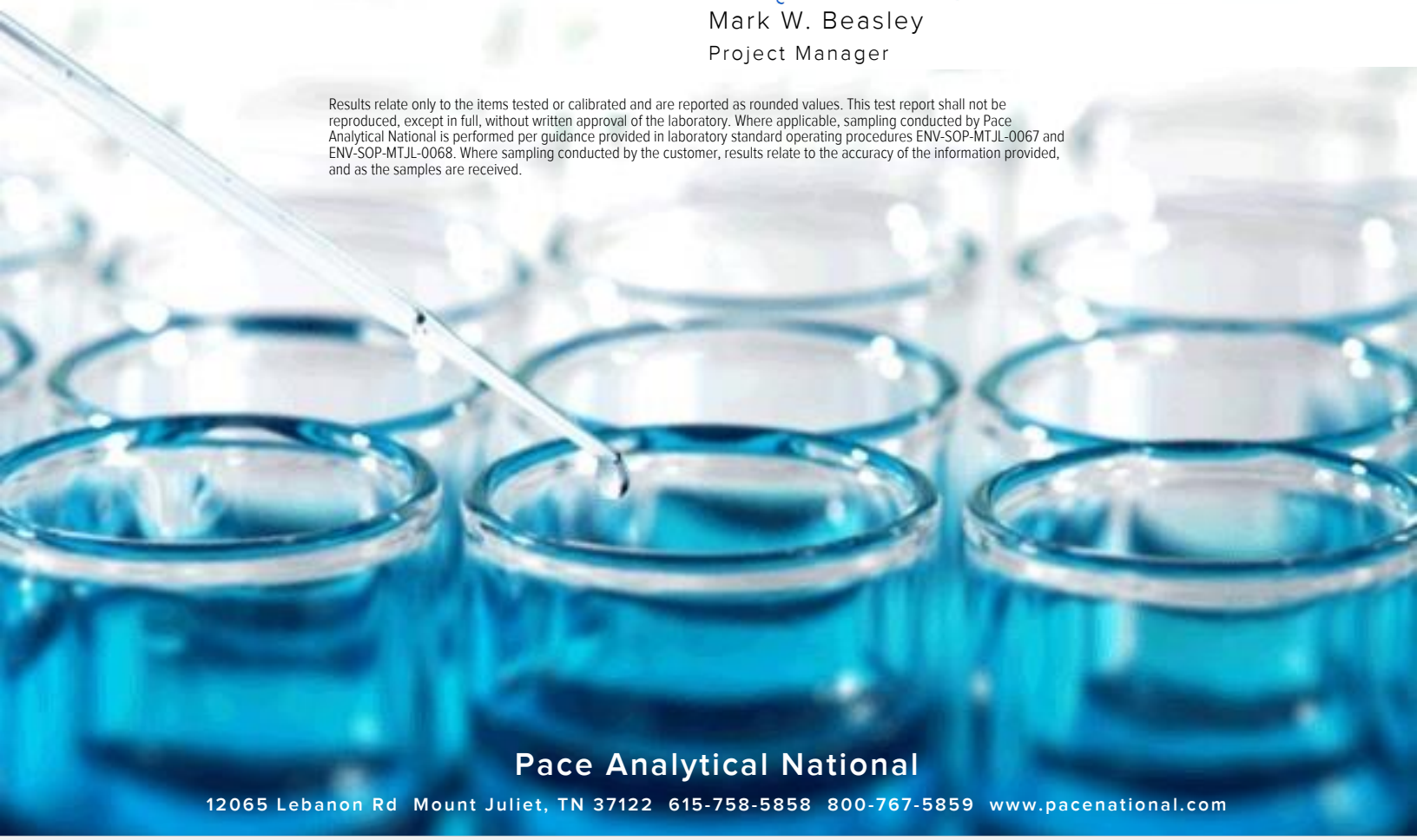


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SAMPLE SUMMARY

55-516692 L1709769-01 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 16:00 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 22:21	02/28/24 22:21	JTO	Mt. Juliet, TN

55-504425 L1709769-02 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 16:45 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 22:44	02/28/24 22:44	JTO	Mt. Juliet, TN

178ONHWY89 L1709769-03 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 17:18 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 23:07	02/28/24 23:07	JTO	Mt. Juliet, TN

DUP-1 L1709769-04 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 17:21 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 23:30	02/28/24 23:30	JTO	Mt. Juliet, TN

TRIP BLANK L1709769-05 DW

Collected by: Shanda Wagner | Collected date/time: 02/26/24 00:00 | Received date/time: 02/28/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2236300	1	02/28/24 21:57	02/28/24 21:57	JTO	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mark W. Beasley
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1709769-01	55-516692	524.2
L1709769-02	55-504425	524.2
L1709769-03	178ONHWY89	524.2
L1709769-04	DUP-1	524.2
L1709769-05	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 22:21	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 22:21	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 22:21	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 22:21	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 22:44	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 22:44	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 22:44	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 22:44	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 23:07	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 23:07	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 23:07	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 23:07	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 23:30	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 23:30	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 23:30	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 23:30	WG2236300

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	02/28/2024 21:57	WG2236300
Xylenes, Total	U		0.340	0.500	1	02/28/2024 21:57	WG2236300
Toluene	U		0.412	0.500	1	02/28/2024 21:57	WG2236300
Ethylbenzene	U		0.0440	0.500	1	02/28/2024 21:57	WG2236300

Method Blank (MB)

(MB) R4039546-3 02/28/24 21:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4039546-1 02/28/24 20:02 • (LCSD) R4039546-2 02/28/24 20:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.45	4.38	89.0	87.6	70.0-130			1.59	20
Xylenes, Total	15.0	13.3	13.0	88.7	86.7	70.0-130			2.28	20
Toluene	5.00	4.36	4.34	87.2	86.8	70.0-130			0.460	20
Ethylbenzene	5.00	4.42	4.31	88.4	86.2	70.0-130			2.52	20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0228_21

02/28/24 20:02

Sample ID	File ID	FLUOROBENZENE Response
Standard	0228_21	323829
Upper Limit		420978
Lower Limit		226680
LCS R4039546-1 WG2236300 1x	0228_21LCS	323829
LCSD R4039546-2 WG2236300 1x	0228_22	343694
BLANK R4039546-3 WG2236300 1x	0228_25	302860
L1709769-05 WG2236300 1x	0228_26	299000
L1709769-01 WG2236300 1x	0228_27	307357
L1709769-02 WG2236300 1x	0228_28	321880
L1709769-03 WG2236300 1x	0228_29	296923
L1709769-04 WG2236300 1x	0228_30	287718

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Acounts Payable
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project #

Collected by (print): Shunda Wagner

Site/Facility ID # **CK2705326**

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
X Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed 2/28/2024

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 524.4 / 40ml amber / Ascorbic Acid+	524.4 BTEX w/ HCl preserv.											
55-516692	G	DW	—	2/26/24	16:00	3	X												-01
55-504425	G	DW	—	2/26/24	16:45	3	X												-02
178ONHW489	G	DW	—	2/26/24	17:18	3	X												-03
DUP-1	G	DW	—	2/26/24	17:21	3	X												-04
TRIP BLANK	—	—	—	2/26/24	—	1		X											-05

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1709769
H183

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Remarks | Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	2/26/24	1748	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	2/27/24	0754	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
	2/27/24	0938	Easton Ogan

Trip Blank Received: (Yes) / No
HCL / MeoH
TBR

Temp: DPA9 °C 3.2+0 Bottles Received: 12

If preservation required by Login: Date/Time

Date: 2/29/24 Time: 0808

Hold:

Condition: NCF / OK

Relinquished: Kyle Duke 2/27/24 0940 Relinquished: Kyle Duke 2/27/24 1600 SWA

ANALYTICAL REPORT

March 04, 2024

Revised Report

EnCore Consulting, LLC.

Sample Delivery Group:	L1711224
Samples Received:	03/02/2024
Project Number:	CK2705326
Description:	Circle K Store

Report To:

Shanda Wagner
950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

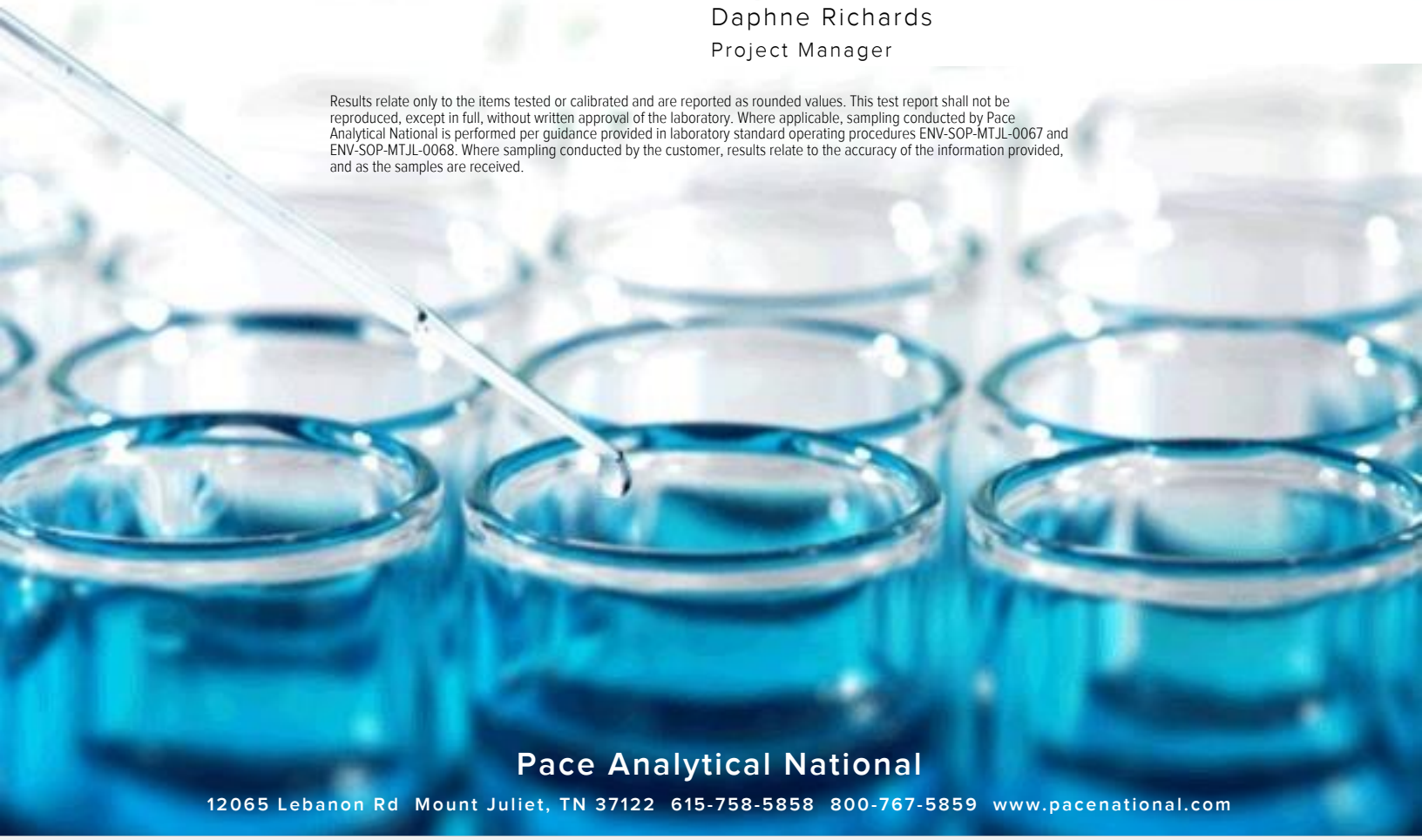


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SAMPLE SUMMARY

55-513231 L1711224-01 DW

Collected by: Shanda Wagner | Collected date/time: 03/01/24 09:34 | Received date/time: 03/02/24 14:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2238584	1	03/03/24 10:20	03/03/24 10:20	JBE	Mt. Juliet, TN

DUP-2 L1711224-02 DW

Collected by: Shanda Wagner | Collected date/time: 03/01/24 09:40 | Received date/time: 03/02/24 14:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2238584	1	03/03/24 10:44	03/03/24 10:44	JBE	Mt. Juliet, TN

TRIP BLANK L1711224-03 DW

Collected by: Shanda Wagner | Collected date/time: 03/01/24 00:00 | Received date/time: 03/02/24 14:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2238584	1	03/03/24 09:57	03/03/24 09:57	JBE	Mt. Juliet, TN

55-532762 L1711224-04 DW

Collected by: Shanda Wagner | Collected date/time: 03/01/24 11:43 | Received date/time: 03/02/24 14:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2238584	1	03/03/24 11:07	03/03/24 11:07	JBE	Mt. Juliet, TN

DUP-3 L1711224-05 DW

Collected by: Shanda Wagner | Collected date/time: 03/01/24 11:48 | Received date/time: 03/02/24 14:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2238584	1	03/03/24 11:30	03/03/24 11:30	JBE	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Report Revision History

Level II Report - Version 1: 03/03/24 19:08

Project Narrative

Sample id update

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1711224-01	55-513231	524.2
L1711224-02	DUP-2	524.2
L1711224-03	TRIP BLANK	524.2
L1711224-04	55-532762	524.2
L1711224-05	DUP-3	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/03/2024 10:20	WG2238584
Xylenes, Total	U		0.340	0.500	1	03/03/2024 10:20	WG2238584
Toluene	U		0.412	0.500	1	03/03/2024 10:20	WG2238584
Ethylbenzene	U		0.0440	0.500	1	03/03/2024 10:20	WG2238584

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/03/2024 10:44	WG2238584
Xylenes, Total	U		0.340	0.500	1	03/03/2024 10:44	WG2238584
Toluene	U		0.412	0.500	1	03/03/2024 10:44	WG2238584
Ethylbenzene	U		0.0440	0.500	1	03/03/2024 10:44	WG2238584

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/03/2024 09:57	WG2238584
Xylenes, Total	U		0.340	0.500	1	03/03/2024 09:57	WG2238584
Toluene	U		0.412	0.500	1	03/03/2024 09:57	WG2238584
Ethylbenzene	U		0.0440	0.500	1	03/03/2024 09:57	WG2238584

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/03/2024 11:07	WG2238584
Xylenes, Total	U		0.340	0.500	1	03/03/2024 11:07	WG2238584
Toluene	U		0.412	0.500	1	03/03/2024 11:07	WG2238584
Ethylbenzene	U		0.0440	0.500	1	03/03/2024 11:07	WG2238584

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/03/2024 11:30	WG2238584
Xylenes, Total	U		0.340	0.500	1	03/03/2024 11:30	WG2238584
Toluene	U		0.412	0.500	1	03/03/2024 11:30	WG2238584
Ethylbenzene	U		0.0440	0.500	1	03/03/2024 11:30	WG2238584

Method Blank (MB)

(MB) R4040820-2 03/03/24 09:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4040820-1 03/03/24 08:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.66	93.2	70.0-130	
Xylenes, Total	15.0	14.0	93.3	70.0-130	
Toluene	5.00	4.71	94.2	70.0-130	
Ethylbenzene	5.00	4.65	93.0	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0303_03

03/03/24 08:04

Sample ID	File ID	FLUOROBENZENE Response
Standard	0303_03	278745
Upper Limit		362369
Lower Limit		195122
LCS R4040820-1 WG2238584 1x	0303_03LCS	278745
BLANK R4040820-2 WG2238584 1x	0303_06	289647
L1711224-03 WG2238584 1x	0303_07	315743
L1711224-01 WG2238584 1x	0303_08	273985
L1711224-02 WG2238584 1x	0303_09	275543
L1711224-04 WG2238584 1x	0303_10	280011
L1711224-05 WG2238584 1x	0303_11	262559

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Acounts Payable
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner** + LynnNiewiadomski
Email To: lynn@encore-consulting.net; **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**
City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:
Client Project # **CK2705326**
Lab Project #

Collected by (print): ShandaWagner
Site/Facility ID # **CK2705326**
P.O. # 27053226

Collected by (signature):
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
X Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote # **00107122**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 524.4 / 40ml amber / Ascorbic Acid+	Remarks	Sample # (lab only)
55-513231	G	DW	—	3/1/24	934	3	X		-01
DUP-2	G	DW	—	3/1/24	940	3	X		-02
TRIP BLANK	—	OT	—	—	—	1	X		-03
55-532762	G	DW	—	3/1/24	1143	3	X		-04
DUP-3	G	DW	—	3/1/24	1148	3	X		-05

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L171124
C122
Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # SWA

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3/1/24	15:18	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3.1.24	1800	SWA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
1
HCl / MeoH
TBR

Temp: TLAG °C 1.4 10
Bottles Received: 12

Date: 3/2/24 Time: 1430

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PNPAZ

ANALYTICAL REPORT

March 06, 2024

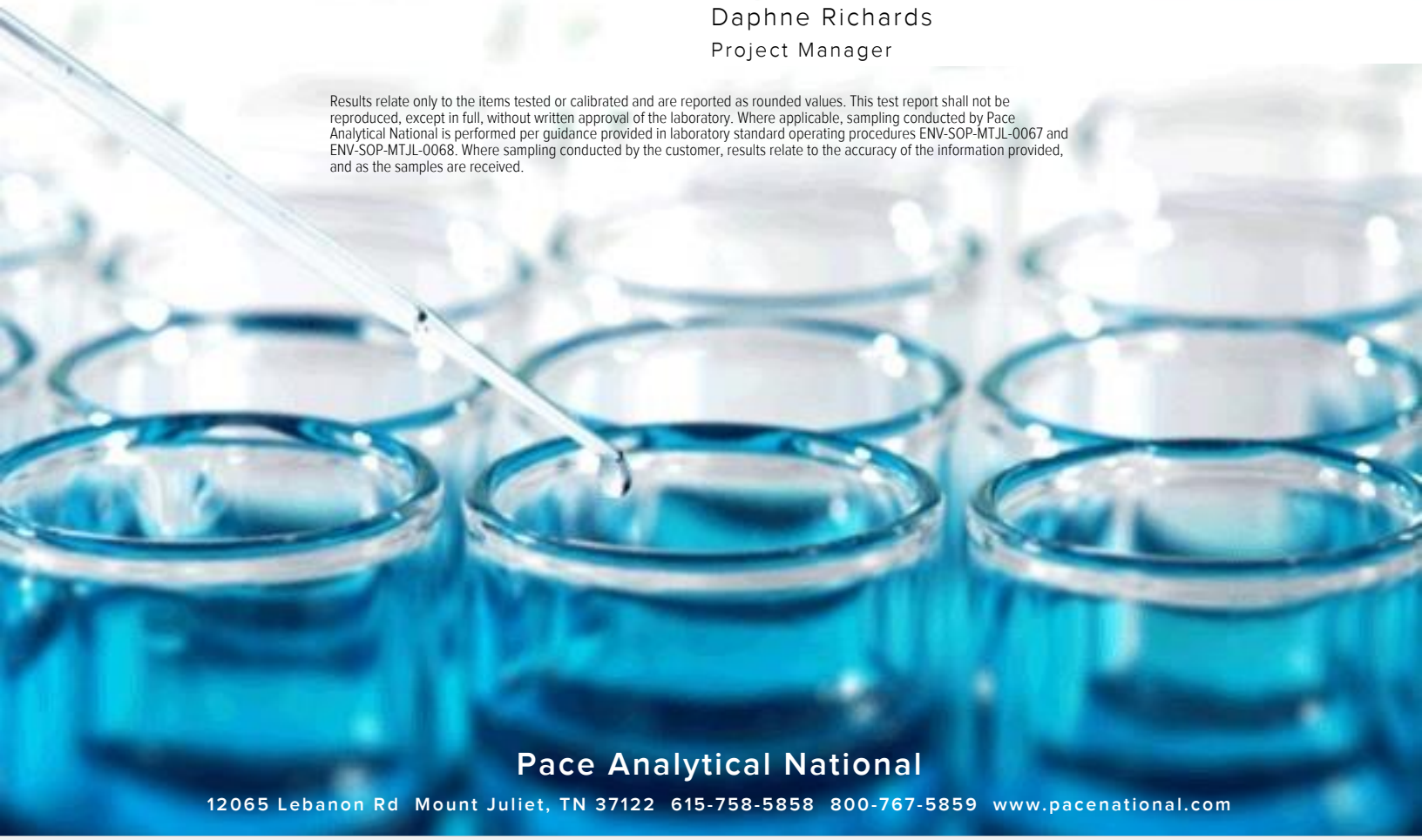
EnCore Consulting, LLC.

Sample Delivery Group:	L1712109
Samples Received:	03/06/2024
Project Number:	CK2705326
Description:	Circle K Store 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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Qc: Quality Control Summary 8

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SAMPLE SUMMARY

31 BUTTERFIELD RD L1712109-01 DW

Collected by: Shanda Wagner
Collected date/time: 03/05/24 10:40
Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2240598	1	03/06/24 14:05	03/06/24 14:05	JBE	Mt. Juliet, TN

DUP-4 L1712109-02 DW

Collected by: Shanda Wagner
Collected date/time: 03/05/24 10:45
Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2240598	1	03/06/24 14:28	03/06/24 14:28	JBE	Mt. Juliet, TN

TRIP BLANK L1712109-03 DW

Collected by: Shanda Wagner
Collected date/time: 03/05/24 00:00
Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2240598	1	03/06/24 13:42	03/06/24 13:42	JBE	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1712109-01	31 BUTTERFIELD RD	524.2
L1712109-02	DUP-4	524.2
L1712109-03	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/06/2024 14:05	WG2240598
Xylenes, Total	U		0.340	0.500	1	03/06/2024 14:05	WG2240598
Toluene	U		0.412	0.500	1	03/06/2024 14:05	WG2240598
Ethylbenzene	U		0.0440	0.500	1	03/06/2024 14:05	WG2240598

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/06/2024 14:28	WG2240598
Xylenes, Total	U		0.340	0.500	1	03/06/2024 14:28	WG2240598
Toluene	U		0.412	0.500	1	03/06/2024 14:28	WG2240598
Ethylbenzene	U		0.0440	0.500	1	03/06/2024 14:28	WG2240598

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/06/2024 13:42	WG2240598
Xylenes, Total	U		0.340	0.500	1	03/06/2024 13:42	WG2240598
Toluene	U		0.412	0.500	1	03/06/2024 13:42	WG2240598
Ethylbenzene	U		0.0440	0.500	1	03/06/2024 13:42	WG2240598

Method Blank (MB)

(MB) R4042308-2 03/06/24 11:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4042308-1 03/06/24 09:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.16	103	70.0-130	
Xylenes, Total	15.0	15.1	101	70.0-130	
Toluene	5.00	5.03	101	70.0-130	
Ethylbenzene	5.00	5.04	101	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0306_03

03/06/24 09:51

Sample ID	File ID	FLUOROBENZENE Response
Standard	0306_03	278128
Upper Limit		361566
Lower Limit		194690
LCS R4042308-1 WG2240598 1x	0306_03LCS	278128
BLANK R4042308-2 WG2240598 1x	0306_06	276047
L1712109-03 WG2240598 1x	0306_13	253778
L1712109-01 WG2240598 1x	0306_14	254022
L1712109-02 WG2240598 1x	0306_15	254418

GLOSSARY OF TERMS

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Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

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EnCore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Acounts Payable
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: Chino Valley, AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project #

Collected by (print): ShandaWagner

Site/Facility ID # **CK2705326**

P.O. # 27053226

Collected by (signature): Shanda Wa

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
X Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00107122**

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 524.4 / 40ml amber / Ascorbic Acid+	Remarks	Sample # (lab only)
31 Butterfield Rd	G	DW	—	3/5/24	1040	3	X		-01
DUP-4	G	DW	—	3/5/24	1045	3	X		-02
Trip Blank	—	OT	—	—	—	1	X		-03

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L1712109

Table #

Acctnum: **ENCORETAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	__NP	Y	N
COC Signed/Accurate:		Y	N
Bottles arrive intact:		Y	N
Correct bottles used:		Y	N
Sufficient volume sent:		Y	N
If Applicable			
VOA Zero Headspace:		Y	N
Preservation Correct/Checked:		Y	N

	Date:	Time:
Relinquished by : (Signature)	3/5/24 1604 (SW)	1604
Relinquished by : (Signature)	3-5-24	1700
Relinquished by : (Signature)		

	Date:	Time:
Received by: (Signature)		
Received by: (Signature)		
Received for lab by: (Signature)	3-5-24	0900

Trip Blank Received: Yes / No (HCL) / MeoH TBR
NSAG

Temp: 2.1°C +0=2.1°C

Bottles Received: 6

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

ANALYTICAL REPORT

March 09, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1713618
Samples Received:	03/09/2024
Project Number:	CK2705326
Description:	Circle K Store 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Jordan N Zito
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

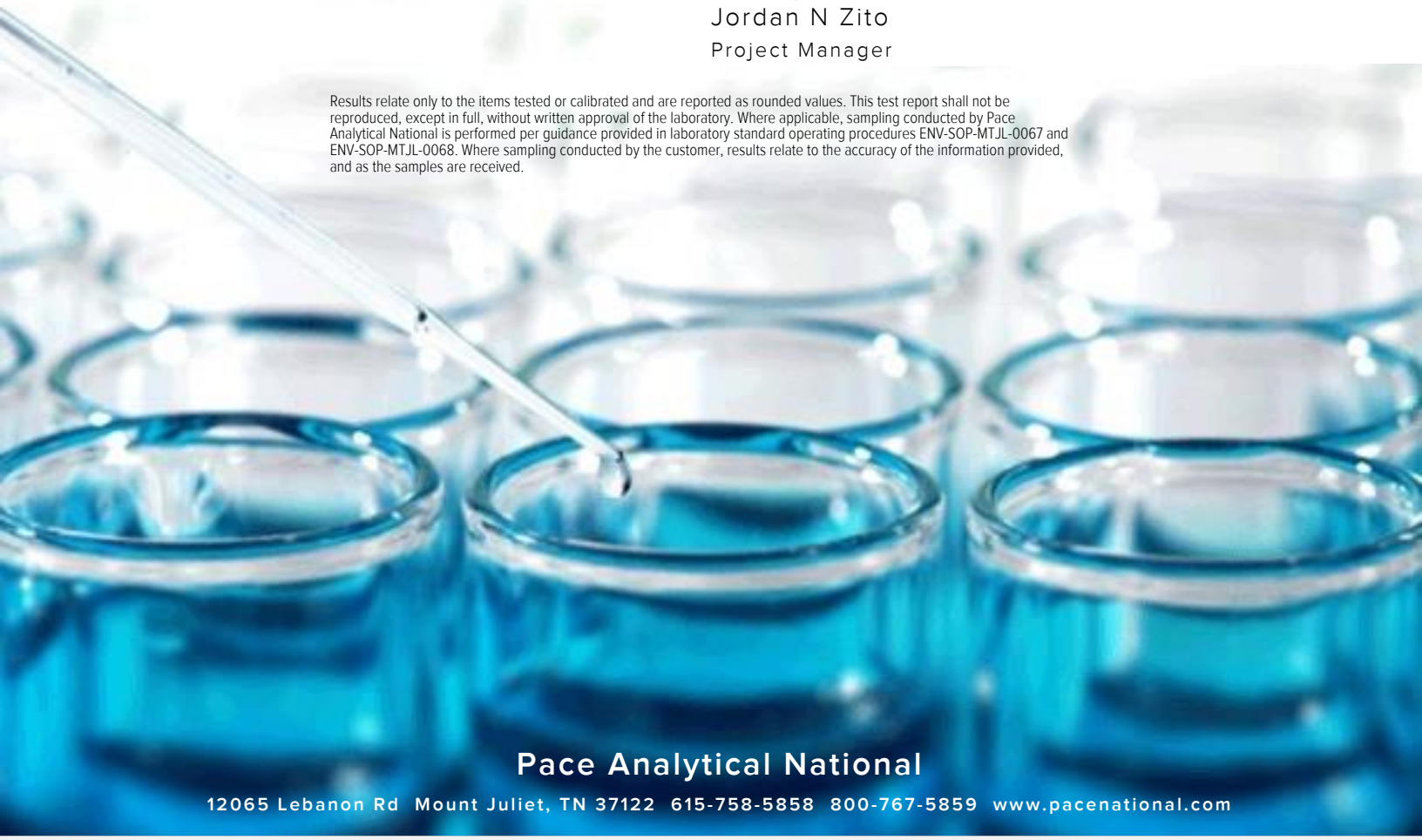


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55-513231 L1713618-05 9

55-910687 L1713618-06 10

55-532762 L1713618-07 11

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SAMPLE SUMMARY

55-516692 L1713618-01 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 08:43 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 12:55	03/09/24 12:55	ADM	Mt. Juliet, TN

DUP-S L1713618-02 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 08:50 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 13:19	03/09/24 13:19	ADM	Mt. Juliet, TN

55-504425 L1713618-03 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 09:26 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 13:42	03/09/24 13:42	ADM	Mt. Juliet, TN

55-085972 L1713618-04 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 11:13 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 14:05	03/09/24 14:05	ADM	Mt. Juliet, TN

55-513231 L1713618-05 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 11:51 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 14:28	03/09/24 14:28	ADM	Mt. Juliet, TN

55-910687 L1713618-06 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 12:29 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 14:51	03/09/24 14:51	ADM	Mt. Juliet, TN

55-532762 L1713618-07 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 13:15 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 15:14	03/09/24 15:14	ADM	Mt. Juliet, TN

TRIP BLANK L1713618-08 DW

Collected by: Shanda Wagner | Collected date/time: 03/08/24 00:00 | Received date/time: 03/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2243201	1	03/09/24 12:32	03/09/24 12:32	ADM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jordan N Zito
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1713618-01	55-516692	524.2
L1713618-02	DUP-S	524.2
L1713618-03	55-504425	524.2
L1713618-04	55-085972	524.2
L1713618-05	55-513231	524.2
L1713618-06	55-910687	524.2
L1713618-07	55-532762	524.2
L1713618-08	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 12:55	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 12:55	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 12:55	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 12:55	WG2243201

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 13:19	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 13:19	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 13:19	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 13:19	WG2243201

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 13:42	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 13:42	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 13:42	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 13:42	WG2243201

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 14:05	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 14:05	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 14:05	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 14:05	WG2243201

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 14:28	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 14:28	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 14:28	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 14:28	WG2243201

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 14:51	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 14:51	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 14:51	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 14:51	WG2243201

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 15:14	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 15:14	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 15:14	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 15:14	WG2243201

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/09/2024 12:32	WG2243201
Xylenes, Total	U		0.340	0.500	1	03/09/2024 12:32	WG2243201
Toluene	U		0.412	0.500	1	03/09/2024 12:32	WG2243201
Ethylbenzene	U		0.0440	0.500	1	03/09/2024 12:32	WG2243201

Method Blank (MB)

(MB) R4043578-2 03/09/24 11:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4043578-1 03/09/24 09:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.09	102	70.0-130	
Xylenes, Total	15.0	15.3	102	70.0-130	
Toluene	5.00	5.07	101	70.0-130	
Ethylbenzene	5.00	5.07	101	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0309_03

03/09/24 08:48

Sample ID	File ID	FLUOROBENZENE Response
Standard	0309_03	241638
Upper Limit		314129
Lower Limit		169147
LCS R4043578-1 WG2243201 1x	0309_04	253262
BLANK R4043578-2 WG2243201 1x	0309_07	255503
L1713618-08 WG2243201 1x	0309_08	276263
L1713618-01 WG2243201 1x	0309_09	253445
L1713618-02 WG2243201 1x	0309_10	255699
L1713618-03 WG2243201 1x	0309_11	234341
L1713618-04 WG2243201 1x	0309_12	236340
L1713618-05 WG2243201 1x	0309_13	239479
L1713618-06 WG2243201 1x	0309_14	237395
L1713618-07 WG2243201 1x	0309_15	241336

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Encore Consulting, LLC.
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Billing Information:
Acounts Payable
950 W. Elliot Rd.
Suite 116
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **shanda@encore-consulting.net**

Project Description: **Circle K Store 2705326**

City/State Collected: Chino Valley / AZ

Phone: **(480) 258-1778**
Fax:

Client Project # **CK2705326**

Lab Project #

Collected by (print): Shanda Wagner

Site/Facility ID # **CK2705326**

P.O. # 2705326

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEX 524.4 / 40ml amber / Ascorbic Acid+	Remarks	Sample # (lab only)
55-516692	G	DW		3/8/24	0843	3	X		-01
DUP-S	G	DW		3/8/24	0850	3	X		-02
55-504425	G	DW		3/8/24	0926	3	X		-03
55-085972	G	DW		3/8/24	1113	3	X		-04
55-513231	G	DW		3/8/24	1151	3	X		-05
55-910687	G	DW		3/8/24	1229	3	X		-06
55-532762	G	DW		3/8/24	1315	3	X		-07
TRIP BLANK	—	OT	—	—	—	1	X		-08

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1713618
A024

Acctnum: **ENCORETAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Same Day TAT

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Shanda Wagner	3/8/24	1551	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3-8-24	1800	SWA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			CRoberts

Trip Blank Received: Yes / No
HCL / MeoH
TBR
1

Temp: 4.0+0=4.0 °C MS89
Bottles Received: 21

Date: 03.09.24 Time: 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

March 21, 2024

Revised Report

EnCore Consulting, LLC.

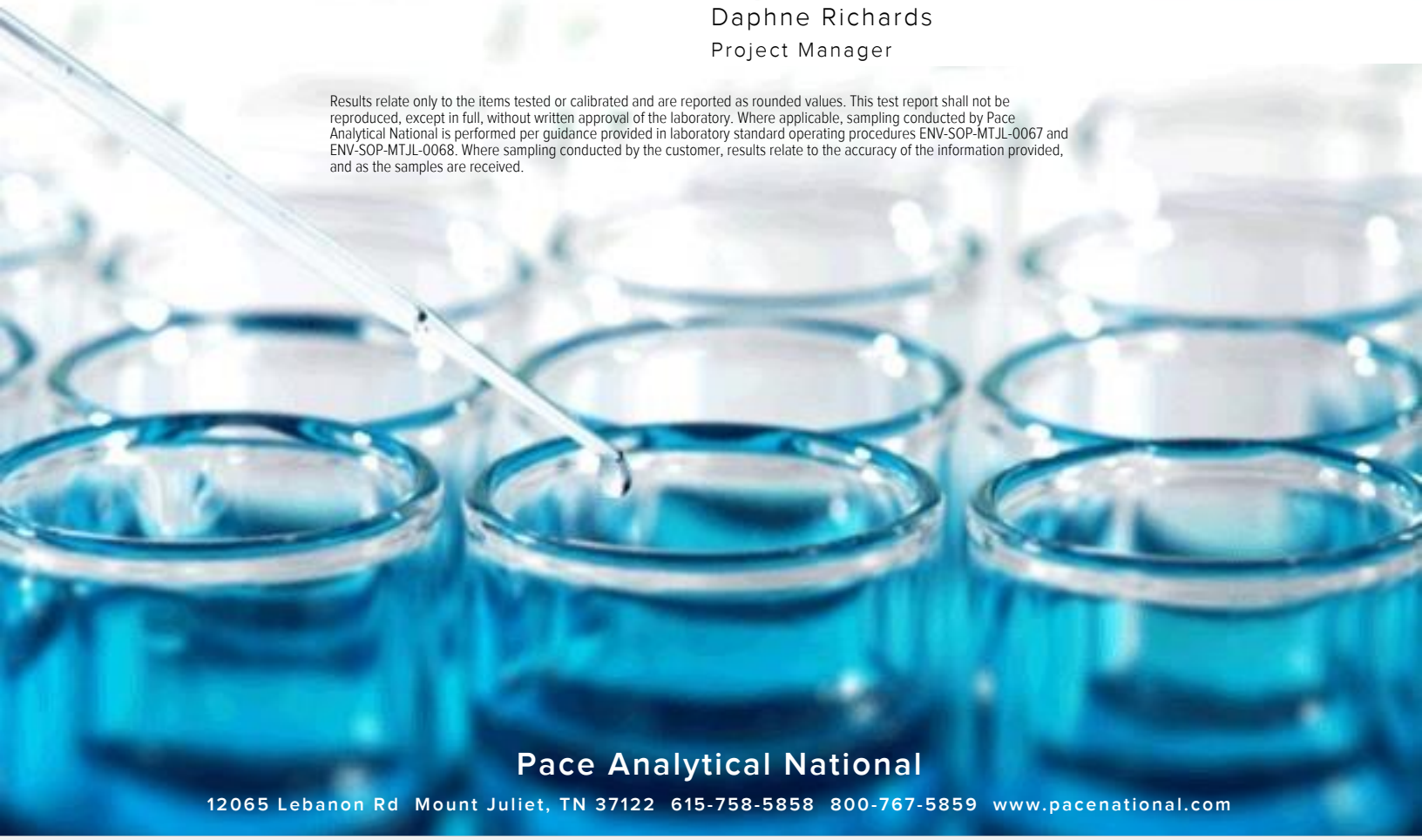
Sample Delivery Group:	L1715525
Samples Received:	03/15/2024
Project Number:	2705326
Description:	Circle K 2705326
Site:	CK5326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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Gl: Glossary of Terms 17

Al: Accreditations & Locations 18

Sc: Sample Chain of Custody 19

SAMPLE SUMMARY

55-532738 L1715525-01 DW

Collected by: CS/SW | Collected date/time: 03/12/24 09:38 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 17:55	03/15/24 17:55	DWR	Mt. Juliet, TN

DUP-6 L1715525-02 DW

Collected by: CS/SW | Collected date/time: 03/12/24 09:43 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 17:31	03/15/24 17:31	DWR	Mt. Juliet, TN

TRIP BLANK L1715525-03 DW

Collected by: CS/SW | Collected date/time: 03/13/24 00:00 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 14:50	03/15/24 14:50	DWR	Mt. Juliet, TN

55-516692 L1715525-04 DW

Collected by: CS/SW | Collected date/time: 03/13/24 09:08 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 17:08	03/15/24 17:08	DWR	Mt. Juliet, TN

55-504425 L1715525-05 DW

Collected by: CS/SW | Collected date/time: 03/13/24 10:12 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 16:45	03/15/24 16:45	DWR	Mt. Juliet, TN

55-513231 L1715525-06 DW

Collected by: CS/SW | Collected date/time: 03/13/24 10:40 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 16:22	03/15/24 16:22	DWR	Mt. Juliet, TN

55-910687 L1715525-07 DW

Collected by: CS/SW | Collected date/time: 03/13/24 12:10 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 15:59	03/15/24 15:59	DWR	Mt. Juliet, TN

55-532762 L1715525-08 DW

Collected by: CS/SW | Collected date/time: 03/13/24 14:09 | Received date/time: 03/15/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 15:36	03/15/24 15:36	DWR	Mt. Juliet, TN

55-085972 L1715525-09 DW

			Collected by	Collected date/time	Received date/time	
			CS/SW	03/13/24 11:26	03/15/24 08:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2247583	1	03/15/24 15:13	03/15/24 15:13	DWR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Report Revision History

Level II Report - Version 1: 03/20/24 09:28

Project Narrative

Sample id correction

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1715525-01	55-532738	524.2
L1715525-02	DUP-6	524.2
L1715525-03	TRIP BLANK	524.2
L1715525-04	55-516692	524.2
L1715525-05	55-504425	524.2
L1715525-06	55-513231	524.2
L1715525-07	55-910687	524.2
L1715525-08	55-532762	524.2
L1715525-09	55-085972	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 17:55	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 17:55	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 17:55	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 17:55	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 17:31	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 17:31	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 17:31	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 17:31	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 14:50	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 14:50	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 14:50	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 14:50	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 17:08	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 17:08	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 17:08	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 17:08	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 16:45	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 16:45	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 16:45	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 16:45	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 16:22	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 16:22	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 16:22	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 16:22	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 15:59	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 15:59	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 15:59	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 15:59	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 15:36	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 15:36	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 15:36	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 15:36	WG2247583

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/15/2024 15:13	WG2247583
Xylenes, Total	U		0.340	0.500	1	03/15/2024 15:13	WG2247583
Toluene	U		0.412	0.500	1	03/15/2024 15:13	WG2247583
Ethylbenzene	U		0.0440	0.500	1	03/15/2024 15:13	WG2247583

Method Blank (MB)

(MB) R4046179-2 03/15/24 13:24

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4046179-1 03/15/24 12:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.98	99.6	70.0-130	
Xylenes, Total	15.0	14.8	98.7	70.0-130	
Toluene	5.00	4.84	96.8	70.0-130	
Ethylbenzene	5.00	4.91	98.2	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0315_03

03/15/24 12:15

Sample ID	File ID	FLUOROBENZENE Response
Standard	0315_03	265188
Upper Limit		344744
Lower Limit		185632
LCS R4046179-1 WG2247583 1x	0315_03LCS	265188
BLANK R4046179-2 WG2247583 1x	0315_06	240331
L1715525-03 WG2247583 1x	0315_09	246695
L1715525-09 WG2247583 1x	0315_10	244749
L1715525-08 WG2247583 1x	0315_11	241876
L1715525-07 WG2247583 1x	0315_12	229179
L1715525-06 WG2247583 1x	0315_13	222324
L1715525-05 WG2247583 1x	0315_14	228421
L1715525-04 WG2247583 1x	0315_15	228928
L1715525-02 WG2247583 1x	0315_16	233664
L1715525-01 WG2247583 1x	0315_17	238082

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Circle K 2705326**

City/State Collected: Chino Valley, Az

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): C. Schaumburg and Shanda Wagner

Site/Facility ID # CK5326

P.O. #

Collected by (signature): Shanda Wa

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
X Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00107122

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

L1715525

G007

Acctnum: **ENCORETAZ**
Template: **T248628**
Prelogin: **P1061496**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V524 40mlAmb-AscAcid+HCl BTEX	Remarks	Sample # (lab only)
55-532738	G	DW	—	3/12/24	0938	3	X		-01
DUP-6	G	DW	—	3/12/24	0943	3	X		-02
Trip Blank	—	DW	—	—	—	1	X		-03
55-516692	G	DW	—	3/13/24	0908	3	X		-04
55-504425	G	DW	—	3/13/24	1012	3	X		-05
55-513231	G	DW	—	3/13/24	1040	3	X		-06
55-910697	G	DW	—	3/13/24	1210	3	X		-07
55-532762	G	DW	—	3/13/24	1409	3	X		-08
~~Trip Blank~~ (SS)									
55-085972	G	DW	—	3/13/24	1126	3	X		-09

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: ~~**SAME DAY RUSH TAT APPROVED**~~ 3 DAY TAT

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by: (Signature)	3/13/24	1414	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Relinquished by: (Signature)	3/14/24	1024	Received by: (Signature)	Temp: DPA9 °C Bottles Received: 2.2+0=2.2 24
Relinquished by: (Signature)	3/14/24	1800	Received for lab by: (Signature)	Date: 3-15-24 Time: 800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

March 26, 2024

Revised Report

EnCore Consulting, LLC.

Sample Delivery Group:	L1717221
Samples Received:	03/21/2024
Project Number:	2705326
Description:	Circle K 2705326

Report To:

Shanda Wagner
950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

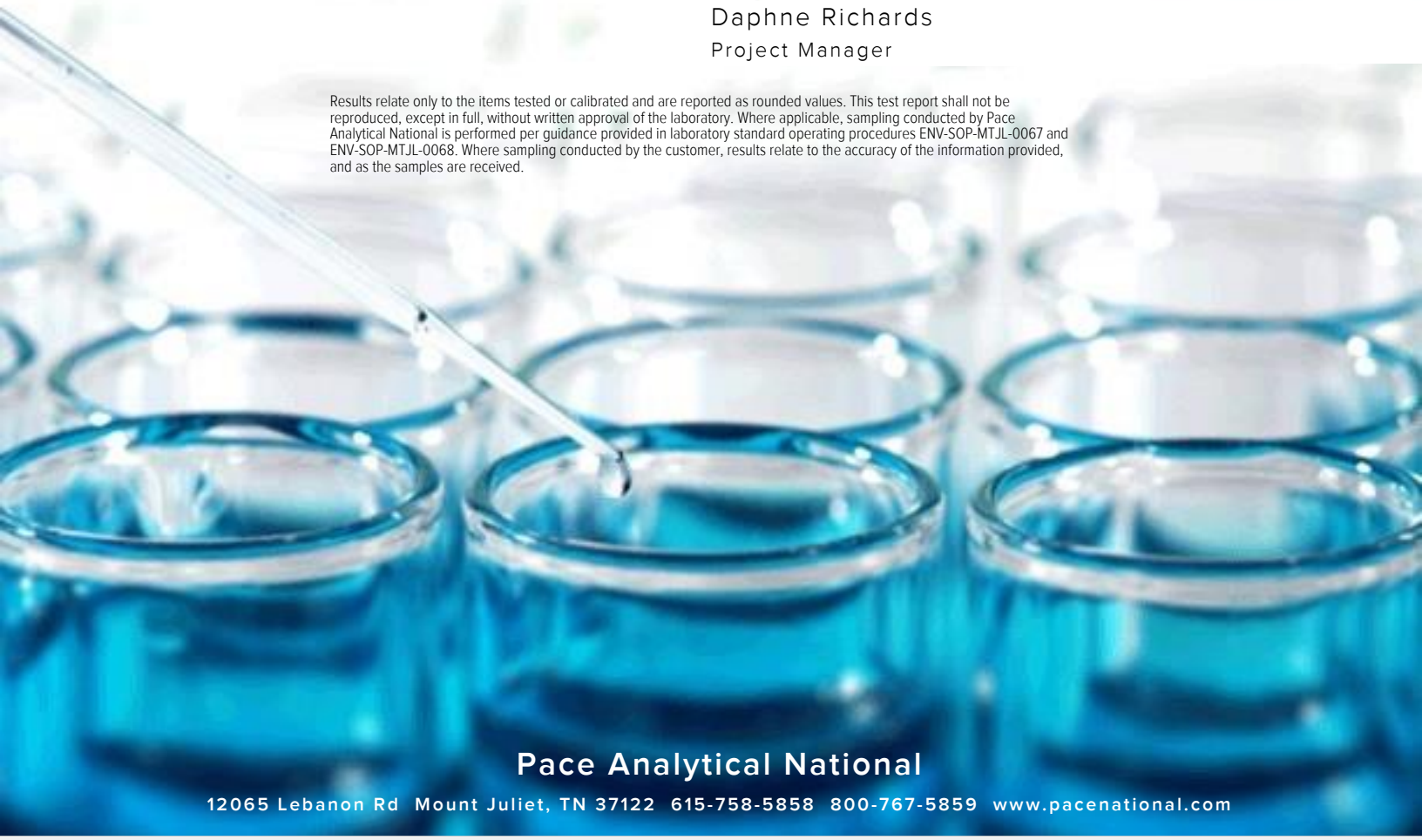


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SAMPLE SUMMARY

55-532738 L1717221-01 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 08:04 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 13:51	03/21/24 13:51	JAH	Mt. Juliet, TN

55-516692 L1717221-02 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 09:23 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 14:15	03/21/24 14:15	JAH	Mt. Juliet, TN

55-504425 L1717221-03 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 10:24 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 14:38	03/21/24 14:38	JAH	Mt. Juliet, TN

DUP-7 L1717221-04 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 10:29 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 15:01	03/21/24 15:01	JAH	Mt. Juliet, TN

TRIP BLANK L1717221-05 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 00:00 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 13:28	03/21/24 13:28	JAH	Mt. Juliet, TN

55-513231 L1717221-06 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 11:19 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 15:24	03/21/24 15:24	JAH	Mt. Juliet, TN

55-085972 L1717221-07 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 12:12 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 15:47	03/21/24 15:47	JAH	Mt. Juliet, TN

55-910678 L1717221-08 DW

Collected by: Collin Schaumburg | Collected date/time: 03/20/24 12:59 | Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 16:10	03/21/24 16:10	JAH	Mt. Juliet, TN

SAMPLE SUMMARY

55-532762 L1717221-09 DW

Collected by: Collin Schaumburg
Collected date/time: 03/20/24 13:49
Received date/time: 03/21/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2251129	1	03/21/24 16:33	03/21/24 16:33	JAH	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Report Revision History

Level II Report - Version 1: 03/26/24 09:15

Project Narrative

Sample id update -02

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1717221-01	55-532738	524.2
L1717221-02	55-516692	524.2
L1717221-03	55-504425	524.2
L1717221-04	DUP-7	524.2
L1717221-05	TRIP BLANK	524.2
L1717221-06	55-513231	524.2
L1717221-07	55-085972	524.2
L1717221-08	55-910678	524.2
L1717221-09	55-532762	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 13:51	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 13:51	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 13:51	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 13:51	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 14:15	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 14:15	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 14:15	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 14:15	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 14:38	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 14:38	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 14:38	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 14:38	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 15:01	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 15:01	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 15:01	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 15:01	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 13:28	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 13:28	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 13:28	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 13:28	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 15:24	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 15:24	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 15:24	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 15:24	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 15:47	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 15:47	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 15:47	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 15:47	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 16:10	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 16:10	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 16:10	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 16:10	WG2251129

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	03/21/2024 16:33	WG2251129
Xylenes, Total	U		0.340	0.500	1	03/21/2024 16:33	WG2251129
Toluene	U		0.412	0.500	1	03/21/2024 16:33	WG2251129
Ethylbenzene	U		0.0440	0.500	1	03/21/2024 16:33	WG2251129

Method Blank (MB)

(MB) R4049567-2 03/21/24 10:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4049567-1 03/21/24 09:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.85	97.0	70.0-130	
Xylenes, Total	15.0	13.9	92.7	70.0-130	
Toluene	5.00	4.66	93.2	70.0-130	
Ethylbenzene	5.00	4.58	91.6	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0321_03

03/21/24 09:48

Sample ID	File ID	FLUOROBENZENE Response
Standard	0321_03	222654
Upper Limit		289450
Lower Limit		155858
LCS R4049567-1 WG2251129 1x	0321_03LCS	222654
BLANK R4049567-2 WG2251129 1x	0321_06	233577
L1717221-05 WG2251129 1x	0321_08	222520
L1717221-01 WG2251129 1x	0321_09	227881
L1717221-02 WG2251129 1x	0321_10	234333
L1717221-03 WG2251129 1x	0321_11	210428
L1717221-04 WG2251129 1x	0321_12	210519
L1717221-06 WG2251129 1x	0321_13	213273
L1717221-07 WG2251129 1x	0321_14	210693
L1717221-08 WG2251129 1x	0321_15	212816
L1717221-09 WG2251129 1x	0321_16	211188

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Circle K 2705326**

City/State Collected: Chinovalley, AZ

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): CollinSchaumburg

Site/Facility ID #

P.O. # 2705326

Collected by (signature): Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day
Date Results Needed

Quote # 00107122

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V524 40mlAmb-AscAcid+HCl	Remarks	Sample # (lab only)
55-532738	Grab	DW	NA	3/20/24	0804	3	✓		-01
55-516692		DW			0923	3	✓		-02
55-504425		DW			1024	3	✓		-03
Dup-7		DW			1029	3	✓		-04
Trip Blank	—	DW	—	—	—	1	✓		-05
55-513231		DW			1119	3	✓		-06
55-085972		DW			1212	3	✓		-07
55-910678		DW			1259	3	✓		-08
55-532762		DW			1349	3	✓		-09
		DW							

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1717221
G068

Acctnum: **ENCORETAZ**
Template: **T248628**
Prelogin: **P1061496**
PM: **288 - Daphne Richards**
PB:
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

~~Remarks:**SAME DAY RUSH TAT APPROVED**~~ Please keep and ship in a separate cooler
3 day TAT

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 6643 4316 0809

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
	3/20/2024	1704		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: DPA9 °C Bottles Received:	
	3/20/24	1800	SWA	0.4+0=0.4 24	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
				3-21-24 900	

PNDAZ

ANALYTICAL REPORT

April 03, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1719960
Samples Received:	03/29/2024
Project Number:	2705326
Description:	Circle K 2705326

Report To: Shanda Wagner
950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

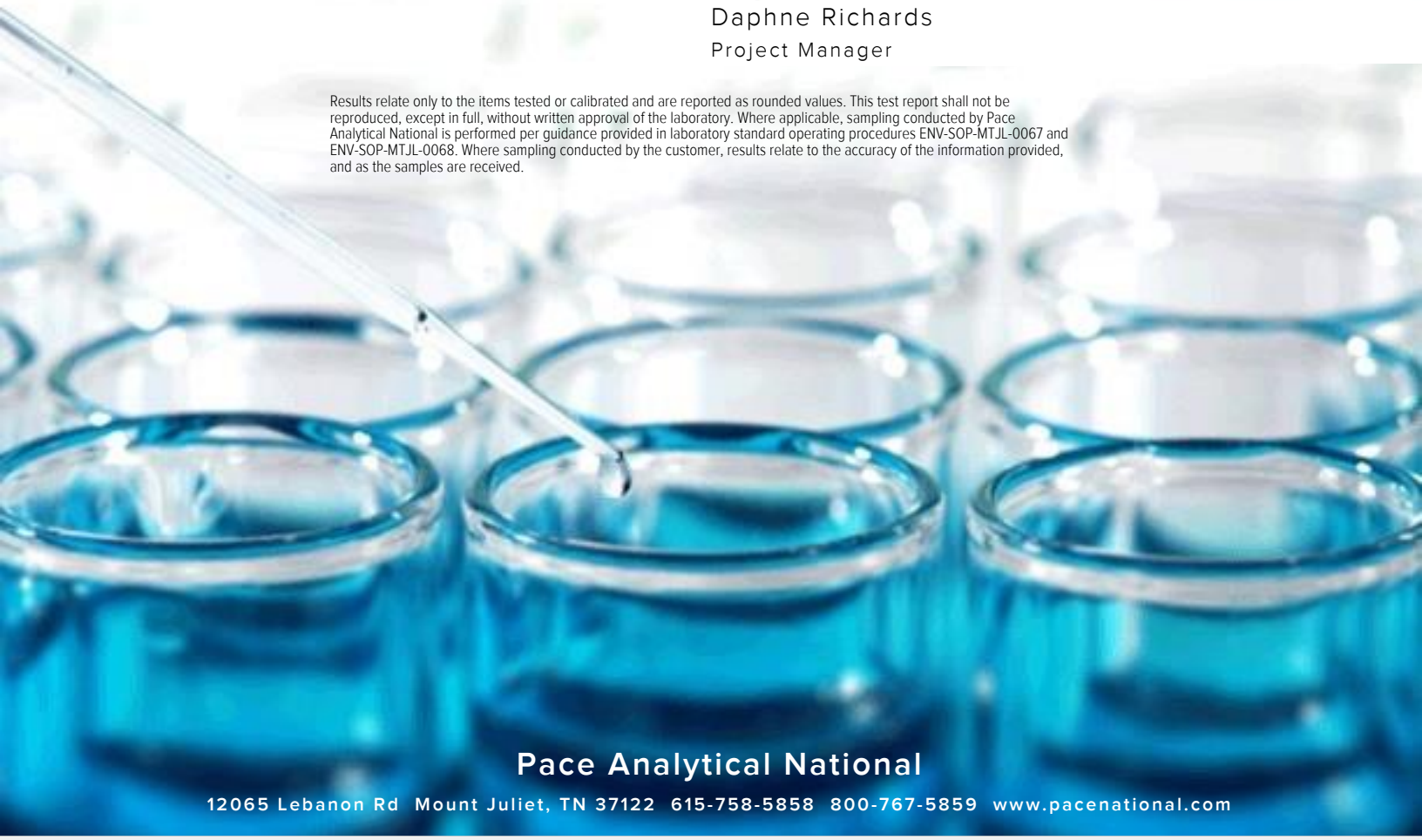


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SAMPLE SUMMARY

55-532738 L1719960-01 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 08:09 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 01:15	04/01/24 01:15	DWR	Mt. Juliet, TN

55-516692 L1719960-02 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 09:06 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 01:38	04/01/24 01:38	DWR	Mt. Juliet, TN

DUP-8 L1719960-03 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 09:11 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 02:01	04/01/24 02:01	DWR	Mt. Juliet, TN

55-504425 L1719960-04 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 10:05 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 02:24	04/01/24 02:24	DWR	Mt. Juliet, TN

55-513231 L1719960-05 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 10:53 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 02:47	04/01/24 02:47	DWR	Mt. Juliet, TN

55-085972 L1719960-06 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 12:26 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 03:10	04/01/24 03:10	DWR	Mt. Juliet, TN

55-910687 L1719960-07 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 13:20 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 03:33	04/01/24 03:33	DWR	Mt. Juliet, TN

55-532762 L1719960-08 DW

Collected by: Collin Schaumburg | Collected date/time: 03/27/24 14:08 | Received date/time: 03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 03:57	04/01/24 03:57	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1719960-09 DW

Collected by	Collected date/time	Received date/time
Collin Schaumburg	03/27/24 00:00	03/29/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2257698	1	04/01/24 00:51	04/01/24 00:51	DWR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1719960-01	55-532738	524.2
L1719960-02	55-516692	524.2
L1719960-03	DUP-8	524.2
L1719960-04	55-504425	524.2
L1719960-05	55-513231	524.2
L1719960-06	55-085972	524.2
L1719960-07	55-910687	524.2
L1719960-08	55-532762	524.2
L1719960-09	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 01:15	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 01:15	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 01:15	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 01:15	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 01:38	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 01:38	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 01:38	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 01:38	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 02:01	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 02:01	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 02:01	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 02:01	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 02:24	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 02:24	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 02:24	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 02:24	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 02:47	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 02:47	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 02:47	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 02:47	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 03:10	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 03:10	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 03:10	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 03:10	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 03:33	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 03:33	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 03:33	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 03:33	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 03:57	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 03:57	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 03:57	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 03:57	WG2257698

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/01/2024 00:51	WG2257698
Xylenes, Total	U		0.340	0.500	1	04/01/2024 00:51	WG2257698
Toluene	U		0.412	0.500	1	04/01/2024 00:51	WG2257698
Ethylbenzene	U		0.0440	0.500	1	04/01/2024 00:51	WG2257698

Method Blank (MB)

(MB) R4053072-2 04/01/24 00:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4053072-1 03/31/24 23:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.95	99.0	70.0-130	
Xylenes, Total	15.0	14.5	96.7	70.0-130	
Toluene	5.00	4.89	97.8	70.0-130	
Ethylbenzene	5.00	4.86	97.2	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0331_03

03/31/24 23:25

Sample ID	File ID	FLUOROBENZENE Response
Standard	0331_03	342548
Upper Limit		445312
Lower Limit		239784
LCS R4053072-1 WG2257698 1x	0331_03LCS	342548
BLANK R4053072-2 WG2257698 1x	0331_05	382855
L1719960-09 WG2257698 1x	0331_06	358242
L1719960-01 WG2257698 1x	0331_07	352803
L1719960-02 WG2257698 1x	0331_08	387023
L1719960-03 WG2257698 1x	0331_09	336628
L1719960-04 WG2257698 1x	0331_10	336632
L1719960-05 WG2257698 1x	0331_11	321783
L1719960-06 WG2257698 1x	0331_12	326305
L1719960-07 WG2257698 1x	0331_13	324459
L1719960-08 WG2257698 1x	0331_14	318836

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: jesus@encore-consulting.net;lynn@encore-

Project Description: **Circle K 2705326**

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): Collin Schaumburg

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Site/Facility ID #

P.O. #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day

Quote # 00107122

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

V524 40mlAmb-AscAcid+HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V524 40mlAmb-AscAcid+HCl	Remarks	Sample # (lab only)
55-532738	Grab	DW	—	3/27/24	0809	3	/		-01
55-516692		DW	—		0906	3	/		-02
Dup-8		DW	—		0911	3	/		-03
55-504425		DW	—		1005	3	/		-04
55-513231		DW	—		1053	3	/		-05
55-085972		DW	—		1226	3	/		-06
55-910687		DW	—		1320	3	/		-07
55-532762		DW	—		1408	3	/		-08
Tr. p Blank	—	DW	—	—	—	1			-09
		DW							

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1719960

D128

Tat

Acctnum: **ENCORETAZ**

Template: **T248628**

Prelogin: **P1061496**

PM: **288 - Daphne Richards**

PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:SAME DAY RUSH TAT APPROVED****
Please ship in a separate cooler

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # SWA

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y / N
COC Signed/Accurate:		Y / N
Bottles arrive intact:		Y / N
Correct bottles used:		Y / N
Sufficient volume sent:		Y / N
If Applicable		
VOA Zero Headspace:		Y / N
Preservation Correct/Checked:		Y / N
RAD Screen <0.5 mR/hr:		Y / N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	3/28/24	0933		1
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3+0.1=4.4 °C Bottles Received: 24
	3-28-24	1820	SWA	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3/29/24 Time: 0800
			Devyani G.	

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

April 08, 2024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

EnCore Consulting, LLC.

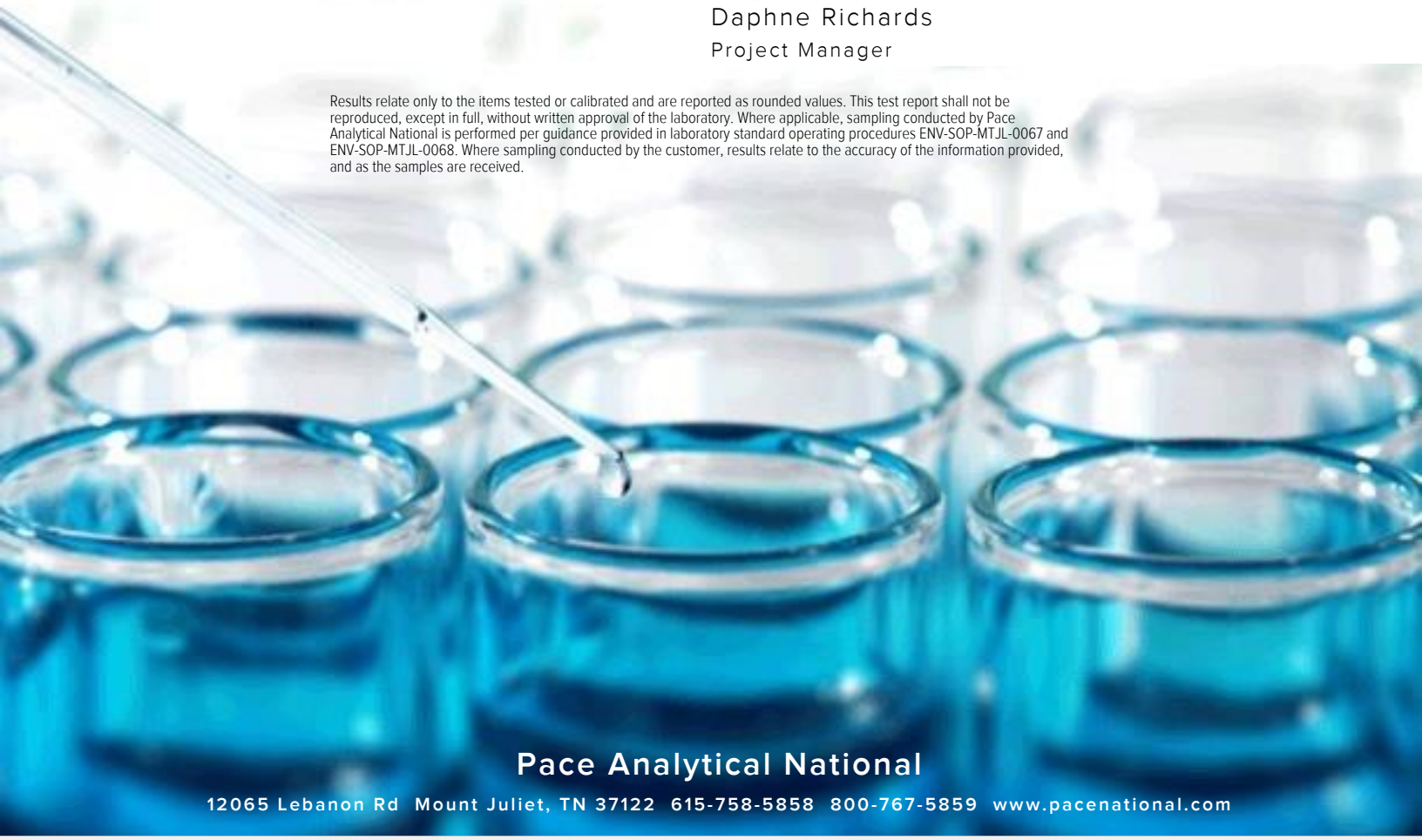
Sample Delivery Group:	L1722499
Samples Received:	04/05/2024
Project Number:	2705326
Description:	Circle K 2705326
Site:	2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

55-532738 L1722499-01 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 08:10 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 14:15	04/05/24 14:15	DWR	Mt. Juliet, TN

55-516692 L1722499-02 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 09:27 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 14:38	04/05/24 14:38	DWR	Mt. Juliet, TN

55-504425 L1722499-03 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 10:30 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 15:01	04/05/24 15:01	DWR	Mt. Juliet, TN

55-513231 L1722499-04 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 11:16 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 15:24	04/05/24 15:24	DWR	Mt. Juliet, TN

55-085972 L1722499-05 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 12:41 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 15:47	04/05/24 15:47	DWR	Mt. Juliet, TN

DUP-9 L1722499-06 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 11:30 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 16:11	04/05/24 16:11	DWR	Mt. Juliet, TN

55-910687 L1722499-07 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 13:36 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 16:34	04/05/24 16:34	DWR	Mt. Juliet, TN

55-532762 L1722499-08 DW

Collected by: Shanda Wagner | Collected date/time: 04/03/24 14:27 | Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 16:57	04/05/24 16:57	DWR	Mt. Juliet, TN

TRIP BLANK L1722499-09 DW

Collected by: Shanda Wagner
Collected date/time: 04/03/24 00:00
Received date/time: 04/05/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2261004	1	04/05/24 11:56	04/05/24 11:56	DWR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1722499-01	55-532738	524.2
L1722499-02	55-516692	524.2
L1722499-03	55-504425	524.2
L1722499-04	55-513231	524.2
L1722499-05	55-085972	524.2
L1722499-06	DUP-9	524.2
L1722499-07	55-910687	524.2
L1722499-08	55-532762	524.2
L1722499-09	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 14:15	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 14:15	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 14:15	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 14:15	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 14:38	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 14:38	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 14:38	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 14:38	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 15:01	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 15:01	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 15:01	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 15:01	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 15:24	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 15:24	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 15:24	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 15:24	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 15:47	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 15:47	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 15:47	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 15:47	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 16:11	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 16:11	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 16:11	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 16:11	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 16:34	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 16:34	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 16:34	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 16:34	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 16:57	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 16:57	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 16:57	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 16:57	WG2261004

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/05/2024 11:56	WG2261004
Xylenes, Total	U		0.340	0.500	1	04/05/2024 11:56	WG2261004
Toluene	U		0.412	0.500	1	04/05/2024 11:56	WG2261004
Ethylbenzene	U		0.0440	0.500	1	04/05/2024 11:56	WG2261004

Method Blank (MB)

(MB) R4054658-2 04/05/24 10:09

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4054658-1 04/05/24 08:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.60	92.0	70.0-130	
Xylenes, Total	15.0	14.0	93.3	70.0-130	
Toluene	5.00	4.60	92.0	70.0-130	
Ethylbenzene	5.00	4.62	92.4	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0405_03

04/05/24 08:59

Sample ID	File ID	FLUOROBENZENE Response
Standard	0405_03	326725
Upper Limit		424743
Lower Limit		228708
LCS R4054658-1 WG2261004 1x	0405_03LCS	326725
BLANK R4054658-2 WG2261004 1x	0405_06	308910
L1722499-09 WG2261004 1x	0405_08	313144
L1722499-01 WG2261004 1x	0405_14	304688
L1722499-02 WG2261004 1x	0405_15	306197
L1722499-03 WG2261004 1x	0405_16	297566
L1722499-04 WG2261004 1x	0405_17	301406
L1722499-05 WG2261004 1x	0405_18	306948
L1722499-06 WG2261004 1x	0405_19	310994
L1722499-07 WG2261004 1x	0405_20	311481
L1722499-08 WG2261004 1x	0405_21	306423

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Circle K 2705326**

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): Shanda Wagner

Collected by (signature): Shanda Wagner

Immediately Packed on Ice N ___ Y X

Site/Facility ID # 2705326

P.O. # 2705326-DW5

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day

Quote # 00107122

Date Results Needed: 3 DAY TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V524 40mlAmb-AscAcid+HCl								Remarks	Sample # (lab only)
55-532738	G	DW	—	4/3/24	810	3	X									-01
55-516692	G	DW	—	4/3/24	927	3	X									-02
55-504425	G	DW	—	4/3/24	1030	3	X									-03
55-513231	G	DW	—	4/3/24	1116	3	X									-04
55-085972	G	DW	—	4/3/24	1241	3	X									-05
DUP-9	G	DW	—	4/3/24	1130	3	X									-06
55-910687	G	DW	—	4/3/24	1336	3	X									-07
55-532762	G	DW	—	4/3/24	1427	3	X									-08
TRIP BLANK	—	DW	—	—	—	1	X									-09
		DW														

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

L1722440
G043

Acctnum: **ENCORETAZ**
Template: **T248628**
Prelogin: **P1061496**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: ~~**SAME DAY RUSH TAT APPROVED**~~ 3 DAY TAT

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Shanda Wagner	4/4/24	0907		1	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MSA 7 °C Bottles Received:	
	4/4/24	1800	SMA	0.2+0.1=0.3 24	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
				4-5-24 800	

PNDAZ

ANALYTICAL REPORT

April 17, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1725106
Samples Received:	04/12/2024
Project Number:	2705326
Description:	Circle K 2705326

Report To: Shanda Wagner
950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

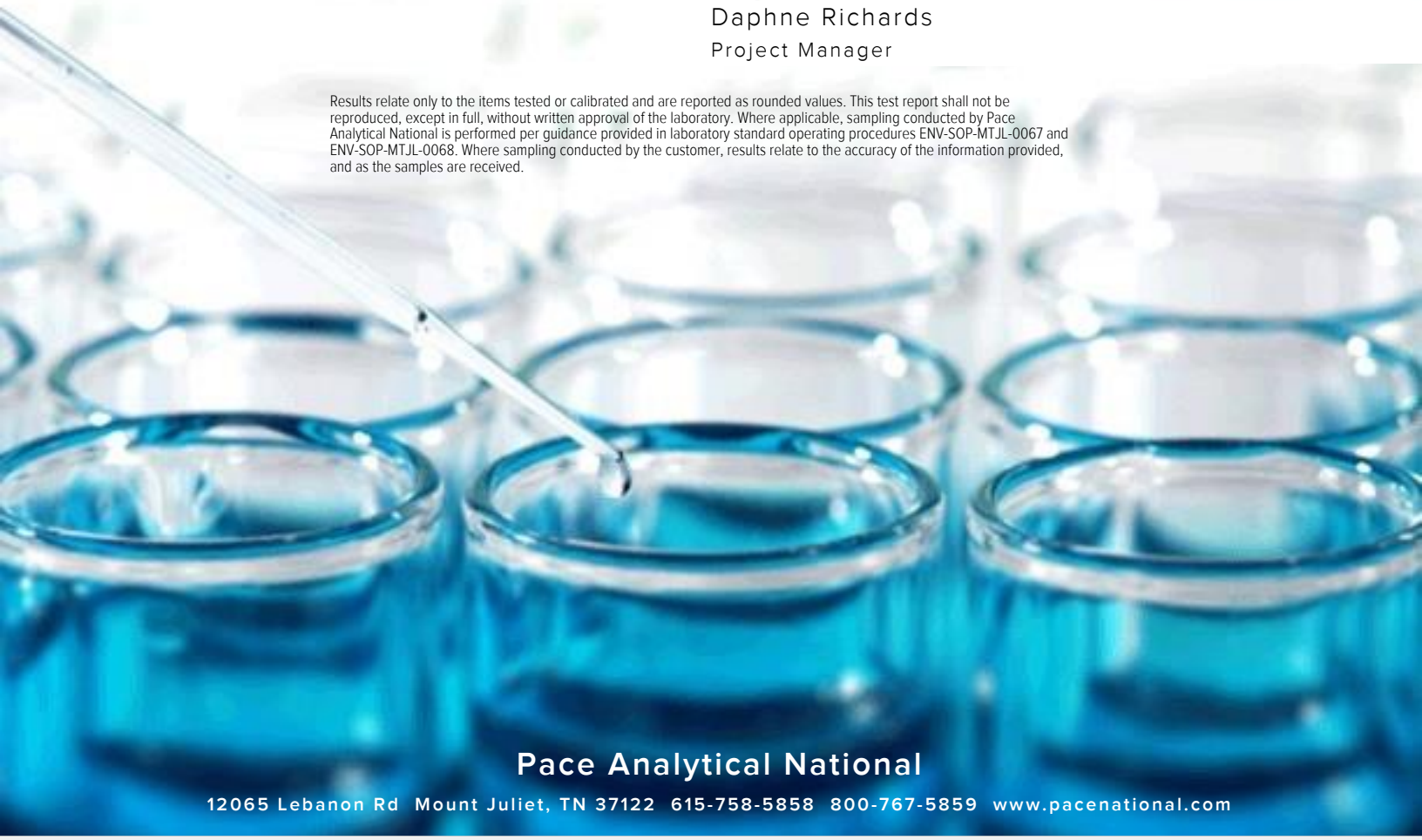


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55-532738 L1725106-07 12

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SAMPLE SUMMARY

55-504425 L1725106-01 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 08:04 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 02:33	04/15/24 02:33	DWR	Mt. Juliet, TN

55-085972 L1725106-02 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 08:49 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 02:56	04/15/24 02:56	DWR	Mt. Juliet, TN

DUP-10 L1725106-03 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 08:54 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 03:19	04/15/24 03:19	DWR	Mt. Juliet, TN

55-910687 L1725106-04 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 09:46 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 03:42	04/15/24 03:42	DWR	Mt. Juliet, TN

55-513231 L1725106-05 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 10:32 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 04:05	04/15/24 04:05	DWR	Mt. Juliet, TN

55-516692 L1725106-06 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 11:53 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 04:29	04/15/24 04:29	DWR	Mt. Juliet, TN

55-532738 L1725106-07 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 12:55 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 04:52	04/15/24 04:52	DWR	Mt. Juliet, TN

55-532762 L1725106-08 DW

Collected by: Collin Schaumburg | Collected date/time: 04/10/24 15:17 | Received date/time: 04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 05:15	04/15/24 05:15	DWR	Mt. Juliet, TN

TRIP BLANK L1725106-09 DW

Collected by	Collected date/time	Received date/time
Collin Schaumburg	04/10/24 00:00	04/12/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2267042	1	04/15/24 01:24	04/15/24 01:24	DWR	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1725106-01	55-504425	524.2
L1725106-02	55-085972	524.2
L1725106-03	DUP-10	524.2
L1725106-04	55-910687	524.2
L1725106-05	55-513231	524.2
L1725106-06	55-516692	524.2
L1725106-07	55-532738	524.2
L1725106-08	55-532762	524.2
L1725106-09	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 02:33	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 02:33	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 02:33	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 02:33	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 02:56	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 02:56	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 02:56	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 02:56	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 03:19	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 03:19	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 03:19	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 03:19	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 03:42	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 03:42	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 03:42	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 03:42	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 04:05	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 04:05	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 04:05	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 04:05	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 04:29	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 04:29	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 04:29	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 04:29	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 04:52	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 04:52	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 04:52	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 04:52	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 05:15	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 05:15	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 05:15	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 05:15	WG2267042

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/15/2024 01:24	WG2267042
Xylenes, Total	U		0.340	0.500	1	04/15/2024 01:24	WG2267042
Toluene	U		0.412	0.500	1	04/15/2024 01:24	WG2267042
Ethylbenzene	U		0.0440	0.500	1	04/15/2024 01:24	WG2267042

Method Blank (MB)

(MB) R4058586-2 04/15/24 00:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4058586-1 04/14/24 23:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.13	103	70.0-130	
Xylenes, Total	15.0	14.2	94.7	70.0-130	
Toluene	5.00	4.75	95.0	70.0-130	
Ethylbenzene	5.00	4.78	95.6	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0414_03

04/14/24 23:04

Sample ID	File ID	FLUOROBENZENE Response
Standard	0414_03	307296
Upper Limit		399485
Lower Limit		215107
LCS R4058586-1 WG2267042 1x	0414_03LCS	307296
BLANK R4058586-2 WG2267042 1x	0414_07	292165
L1725106-09 WG2267042 1x	0414_08	287150
L1725106-01 WG2267042 1x	0414_11	280049
L1725106-02 WG2267042 1x	0414_12	282783
L1725106-03 WG2267042 1x	0414_13	279342
L1725106-04 WG2267042 1x	0414_14	279559
L1725106-05 WG2267042 1x	0414_15	279460
L1725106-06 WG2267042 1x	0414_16	287826
L1725106-07 WG2267042 1x	0414_17	282852
L1725106-08 WG2267042 1x	0414_18	282074

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: jesus@encore-consulting.net;lynn@encore-

Project Description: **Circle K 2705326 - DW**

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326 - DW**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): **CollinSchaumburg**

Site/Facility ID #

P.O. # **2705326 - DW**

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day

Quote # 00107122

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

V524 40mlAmb-AscAcid+HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs		Remarks	Sample # (lab only)
55-504425	Grab	DW	NA	4/10/2024	0804	3			-01
55-085972		DW			0849	3			-02
DUP-10		DW			0854	3			-03
55-910687		DW			0946	3			-04
55-513231		DW			1032	3			-05
55-516692		DW			1153	3			-06
55-532738		DW			1255	3			-07
55-532762		DW			1517	3			-08
Trip Blank	—	DW	—	—	—	1			-09
		DW							

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1725106
1171

Acctnum: **ENCORETAZ**
Template: **T248628**
Prelogin: **P1061496**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:SAME DAY RUSH TAT APPROVED****
Ship in Separate cooler please

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4/11/2024	0920	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	4-11-24	1800	SWA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 0.6+0.1=0.7 °C Bottles Received:

Date: 04-12-24 Time: ~~0900~~ 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

PM 4-2

ANALYTICAL REPORT

April 30, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1729444
Samples Received:	04/25/2024
Project Number:	2705326
Description:	Circle K 2705326

Report To: Shanda Wagner
950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

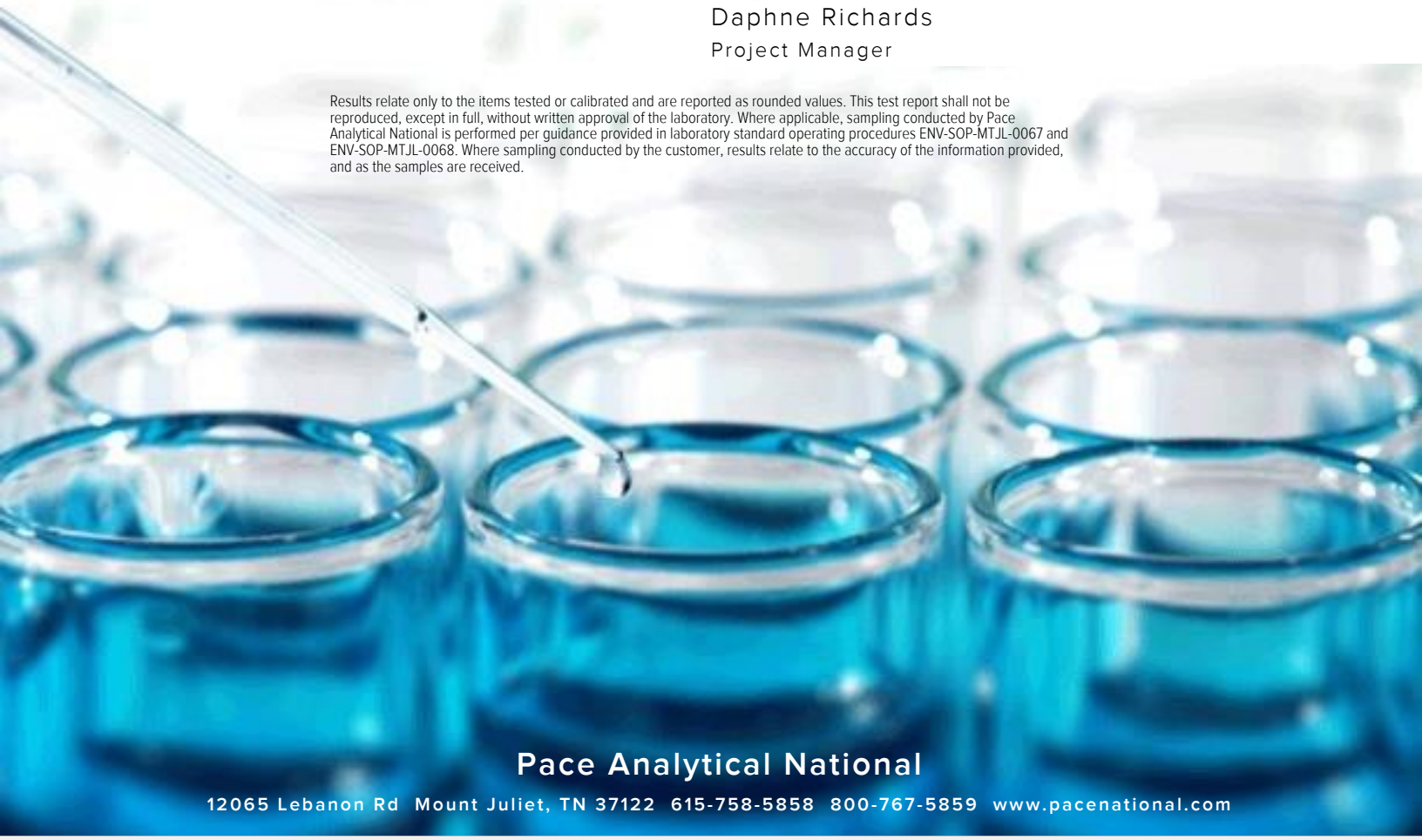


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SAMPLE SUMMARY

55-516692 L1729444-01 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 07:16 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 12:54	04/26/24 12:54	JHH	Mt. Juliet, TN

55-504425 L1729444-02 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 08:16 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 13:17	04/26/24 13:17	JHH	Mt. Juliet, TN

55-910687 L1729444-03 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 09:07 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 13:41	04/26/24 13:41	JHH	Mt. Juliet, TN

55-085972 L1729444-04 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 09:58 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 14:04	04/26/24 14:04	JHH	Mt. Juliet, TN

55-513231 L1729444-05 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 11:01 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 14:27	04/26/24 14:27	JHH	Mt. Juliet, TN

55-532738 L1729444-06 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 12:06 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 14:50	04/26/24 14:50	JHH	Mt. Juliet, TN

55-532762 L1729444-07 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 13:18 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 15:13	04/26/24 15:13	JHH	Mt. Juliet, TN

DUP-2 L1729444-08 DW

Collected by: Parker Schroeder | Collected date/time: 04/24/24 09:10 | Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 15:37	04/26/24 15:37	JHH	Mt. Juliet, TN

TRIP BLANK L1729444-09 DW

Collected by: Parker Schroeder
Collected date/time: 04/24/24 00:00
Received date/time: 04/25/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2275032	1	04/26/24 12:31	04/26/24 12:31	JHH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1729444-01	55-516692	524.2
L1729444-02	55-504425	524.2
L1729444-03	55-910687	524.2
L1729444-04	55-085972	524.2
L1729444-05	55-513231	524.2
L1729444-06	55-532738	524.2
L1729444-07	55-532762	524.2
L1729444-08	DUP-2	524.2
L1729444-09	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 12:54	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 12:54	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 12:54	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 12:54	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 13:17	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 13:17	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 13:17	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 13:17	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 13:41	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 13:41	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 13:41	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 13:41	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 14:04	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 14:04	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 14:04	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 14:04	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 14:27	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 14:27	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 14:27	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 14:27	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 14:50	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 14:50	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 14:50	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 14:50	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 15:13	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 15:13	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 15:13	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 15:13	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 15:37	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 15:37	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 15:37	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 15:37	WG2275032

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	04/26/2024 12:31	WG2275032
Xylenes, Total	U		0.340	0.500	1	04/26/2024 12:31	WG2275032
Toluene	U		0.412	0.500	1	04/26/2024 12:31	WG2275032
Ethylbenzene	U		0.0440	0.500	1	04/26/2024 12:31	WG2275032

Method Blank (MB)

(MB) R4063855-2 04/26/24 12:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4063855-1 04/26/24 10:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.19	104	70.0-130	
Xylenes, Total	15.0	14.7	98.0	70.0-130	
Toluene	5.00	4.97	99.4	70.0-130	
Ethylbenzene	5.00	4.94	98.8	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0426_03

04/26/24 10:58

Sample ID	File ID	FLUOROBENZENE Response
Standard	0426_03	327153
Upper Limit		425299
Lower Limit		229007
LCS R4063855-1 WG2275032 1x	0426_03LCS	327153
BLANK R4063855-2 WG2275032 1x	0426_06	316156
L1729444-09 WG2275032 1x	0426_07	315754
L1729444-01 WG2275032 1x	0426_08	312371
L1729444-02 WG2275032 1x	0426_09	312969
L1729444-03 WG2275032 1x	0426_10	309821
L1729444-04 WG2275032 1x	0426_11	307597
L1729444-05 WG2275032 1x	0426_12	306751
L1729444-06 WG2275032 1x	0426_13	302492
L1729444-07 WG2275032 1x	0426_14	308162
L1729444-08 WG2275032 1x	0426_15	305848

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
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Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Circle K 2705326**

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): Parker Schroeder

Site/Facility ID # Circle K Store 2705326

P.O. # 2705326 - DW

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day

Quote # 00107122

Date Results Needed
~~Standard~~ 3S TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V524 40mlAmb-AscAcid+HCl BTEX										Remarks	Sample # (lab only)
55-516692	G	DW		4/24/24	0716	3	X											-01
55-504425	G	DW		4/24/24	0816	3	X											-02
55-910687	G	DW		4/24/24	0907	3	X											-03
55-085972	G	DW		4/24/24	0958	3	X											-04
55-513231	G	DW		4/24/24	1101	3	X											-05
55-532738	G	DW		4/24/24	1206	3	X											-06
55-532762	G	DW		4/24/24	1318	3	X											-07
DUP-12	G	DW		4/24/24	0910	3	X											-08
Trip Blank	—	OT	—	4/24/24	—	1	X											-09

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 1729444
E090

Acctnum: **ENCORETAZ**
Template: **T248628**
Prelogin: **P1061496**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:SAME DAY RUSH TAT APPROVED****

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	4/24/24	1610	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	4/24/24	1800	SWA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCl / MeoH
TBR

Temp: 1.1 +0.1 = 1.2 °C Bottles Received: 24

Date: 4/25/24 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

2NPAZ

ANALYTICAL REPORT

May 07, 2024

EnCore Consulting, LLC.

Sample Delivery Group:	L1731901
Samples Received:	05/02/2024
Project Number:	2705326
Description:	Circle K 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

55-516692 L1731901-01 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 07:21 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 12:44	05/03/24 12:44	DWR	Mt. Juliet, TN

55-504425 L1731901-02 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 08:21 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 13:07	05/03/24 13:07	DWR	Mt. Juliet, TN

55-910687 L1731901-03 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 09:10 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 13:30	05/03/24 13:30	DWR	Mt. Juliet, TN

55-085972 L1731901-04 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 10:02 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 13:53	05/03/24 13:53	DWR	Mt. Juliet, TN

55-513231 L1731901-05 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 10:48 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 14:16	05/03/24 14:16	DWR	Mt. Juliet, TN

55-532738 L1731901-06 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 11:39 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 14:40	05/03/24 14:40	DWR	Mt. Juliet, TN

55-532762 L1731901-07 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 12:25 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 15:03	05/03/24 15:03	DWR	Mt. Juliet, TN

DUP-13 L1731901-08 DW

Collected by: Parker Schroeder | Collected date/time: 05/01/24 12:45 | Received date/time: 05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 15:26	05/03/24 15:26	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1731901-09 DW

Collected by	Collected date/time	Received date/time
Parker Schroeder	05/01/24 00:00	05/02/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2279609	1	05/03/24 11:57	05/03/24 11:57	DWR	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1731901-01	55-516692	524.2
L1731901-02	55-504425	524.2
L1731901-03	55-910687	524.2
L1731901-04	55-085972	524.2
L1731901-05	55-513231	524.2
L1731901-06	55-532738	524.2
L1731901-07	55-532762	524.2
L1731901-08	DUP-13	524.2
L1731901-09	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 12:44	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 12:44	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 12:44	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 12:44	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 13:07	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 13:07	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 13:07	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 13:07	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 13:30	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 13:30	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 13:30	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 13:30	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 13:53	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 13:53	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 13:53	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 13:53	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 14:16	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 14:16	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 14:16	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 14:16	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 14:40	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 14:40	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 14:40	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 14:40	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 15:03	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 15:03	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 15:03	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 15:03	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 15:26	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 15:26	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 15:26	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 15:26	WG2279609

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/03/2024 11:57	WG2279609
Xylenes, Total	U		0.340	0.500	1	05/03/2024 11:57	WG2279609
Toluene	U		0.412	0.500	1	05/03/2024 11:57	WG2279609
Ethylbenzene	U		0.0440	0.500	1	05/03/2024 11:57	WG2279609

Method Blank (MB)

(MB) R4066453-2 05/03/24 11:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4066453-1 05/03/24 10:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.79	95.8	70.0-130	
Xylenes, Total	15.0	13.6	90.7	70.0-130	
Toluene	5.00	4.63	92.6	70.0-130	
Ethylbenzene	5.00	4.51	90.2	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0503_03

05/03/24 10:48

Sample ID	File ID	FLUOROBENZENE Response
Standard	0503_03	325169
Upper Limit		422720
Lower Limit		227618
LCS R4066453-1 WG2279609 1x	0503_03LCS	325169
BLANK R4066453-2 WG2279609 1x	0503_05	356126
L1731901-09 WG2279609 1x	0503_06	316238
L1731901-01 WG2279609 1x	0503_08	313223
L1731901-02 WG2279609 1x	0503_09	312325
L1731901-03 WG2279609 1x	0503_10	313917
L1731901-04 WG2279609 1x	0503_11	295932
L1731901-05 WG2279609 1x	0503_12	298512
L1731901-06 WG2279609 1x	0503_13	298128
L1731901-07 WG2279609 1x	0503_14	300635
L1731901-08 WG2279609 1x	0503_15	297208

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
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Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: **jesus@encore-consulting.net;lynn@encore-**

Project Description: **Circle K 2705326**

City/State Collected: **Chino Valley, AZ**

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): **Parker Schroeder**

Site/Facility ID # **CK2705326**

P.O. # **2705326-DW**

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day

Quote # **00107122**

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

V524 40mlAmb-AscAcid+HCl BTEX

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V524 40mlAmb-AscAcid+HCl BTEX									Remarks	Sample # (lab only)
55-516692	G	DW	—	5/1/24	0721	3	X										-01
55-504425	G	DW	—	5/1/24	0821	3	X										-02
55-910687	G	DW	—	5/1/24	0910	3	X										-03
55-085972	G	DW	—	5/1/24	1002	3	X										-04
55-513231	G	DW	—	5/1/24	1048	3	X										-05
55-532738	G	DW	—	5/1/24	1139	3	X										-06
55-532762	G	DW	—	5/1/24	1225	3	X										-07
DUP-13	G	DW	—	5/1/24	1245	3	X										-08
Trip Blank	—	~~OT~~ DW	—	5/1/24	—	1	X										-09
		DW															

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:SAME DAY RUSH TAT APPROVED****

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1731901
E195

Acctnum: **ENCORETAZ**
Template: **T248628**
Prelogin: **P1061496**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	5/1/24	1606	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	5/1/24	1800	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 3.1 °C 0.1 -3.2 Bottles Received: 24

Date: 5/2/24 Time: 1300

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

May 14, 2024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

EnCore Consulting, LLC.

Sample Delivery Group:	L1734241
Samples Received:	05/09/2024
Project Number:	2705326
Description:	Circle K 2705326
Site:	CK2705326
Report To:	Shanda Wagner 950 West Elliot Rd Suite 116 Tempe, AZ 85284

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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55-085972 L1734241-04 9

55-513231 L1734241-05 10

55-532738 L1734241-06 11

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SAMPLE SUMMARY

55-516692 L1734241-01 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 07:26 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 16:07	05/09/24 16:07	DWR	Mt. Juliet, TN

55-504425 L1734241-02 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 08:27 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 16:30	05/09/24 16:30	DWR	Mt. Juliet, TN

55-910687 L1734241-03 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 09:18 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 16:53	05/09/24 16:53	DWR	Mt. Juliet, TN

55-085972 L1734241-04 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 10:07 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 17:16	05/09/24 17:16	DWR	Mt. Juliet, TN

55-513231 L1734241-05 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 10:57 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 17:40	05/09/24 17:40	DWR	Mt. Juliet, TN

55-532738 L1734241-06 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 11:53 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 18:03	05/09/24 18:03	DWR	Mt. Juliet, TN

55-532762 L1734241-07 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 12:56 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 18:26	05/09/24 18:26	DWR	Mt. Juliet, TN

DUP-14 L1734241-08 DW

Collected by: Parker Schroeder | Collected date/time: 05/08/24 07:45 | Received date/time: 05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 18:49	05/09/24 18:49	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

TRIP BLANK L1734241-09 DW

Collected by	Collected date/time	Received date/time
Parker Schroeder	05/08/24 00:00	05/09/24 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2283182	1	05/09/24 19:12	05/09/24 19:12	DWR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

Sample Delivery Group (SDG) Narrative

Insufficient sample volume to perform MS/MSD analyses per method QC requirements.

Lab Sample ID	Project Sample ID	Method
L1734241-01	55-516692	524.2
L1734241-02	55-504425	524.2
L1734241-03	55-910687	524.2
L1734241-04	55-085972	524.2
L1734241-05	55-513231	524.2
L1734241-06	55-532738	524.2
L1734241-07	55-532762	524.2
L1734241-08	DUP-14	524.2
L1734241-09	TRIP BLANK	524.2

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 16:07	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 16:07	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 16:07	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 16:07	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 16:30	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 16:30	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 16:30	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 16:30	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 16:53	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 16:53	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 16:53	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 16:53	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 17:16	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 17:16	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 17:16	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 17:16	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 17:40	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 17:40	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 17:40	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 17:40	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 18:03	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 18:03	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 18:03	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 18:03	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 18:26	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 18:26	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 18:26	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 18:26	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 18:49	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 18:49	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 18:49	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 18:49	WG2283182

Volatile Organic Compounds (GC/MS) by Method 524.2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0490	0.500	1	05/09/2024 19:12	WG2283182
Xylenes, Total	U		0.340	0.500	1	05/09/2024 19:12	WG2283182
Toluene	U		0.412	0.500	1	05/09/2024 19:12	WG2283182
Ethylbenzene	U		0.0440	0.500	1	05/09/2024 19:12	WG2283182

Method Blank (MB)

(MB) R4067871-2 05/09/24 11:29

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Xylenes, Total	U		0.340	0.500
Toluene	U		0.412	0.500
Ethylbenzene	U		0.0440	0.500

Laboratory Control Sample (LCS)

(LCS) R4067871-1 05/09/24 10:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.51	110	70.0-130	
Xylenes, Total	15.0	14.9	99.3	70.0-130	
Toluene	5.00	5.12	102	70.0-130	
Ethylbenzene	5.00	5.05	101	70.0-130	

INTERNAL STANDARD SUMMARY

Instrument: VOCMS22 • File ID: 0509_03

05/09/24 10:20

Sample ID	File ID	FLUOROBENZENE Response
Standard	0509_03	309303
Upper Limit		402094
Lower Limit		216512
LCS R4067871-1 WG2283182 1x	0509_03LCS	309303
BLANK R4067871-2 WG2283182 1x	0509_06	321295
L1734241-01 WG2283182 1x	0509_18	296252
L1734241-02 WG2283182 1x	0509_19	298284
L1734241-03 WG2283182 1x	0509_20	308091
L1734241-04 WG2283182 1x	0509_21	295261
L1734241-05 WG2283182 1x	0509_22	295976
L1734241-06 WG2283182 1x	0509_23	292798
L1734241-07 WG2283182 1x	0509_24	293834
L1734241-08 WG2283182 1x	0509_25	297994
L1734241-09 WG2283182 1x	0509_26	301010

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
EnCore Consulting, LLC.

950 West Elliot Rd
Suite 116
Tempe, AZ 85284

Billing Information:
Accounts Payable
950 West Elliot Rd
Tempe, AZ 85284

Pres Chk

Report to: **Shanda Wagner**

Email To: jesus@encore-consulting.net;lynn@encore-

Project Description: **Circle K 2705326**

City/State Collected: Chino Valley, AZ

Please Circle: PT MT CT ET

Phone: **480-258-1778**

Client Project # **2705326**

Lab Project # **ENCORETAZ-524BTEX**

Collected by (print): Parker Schroeder

Site/Facility ID # CK2705326

P.O. # 2705326 - DW

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
X Three Day

Quote # 00107122

Date Results Needed

Analysis / Container / Preservative

V524 40ml Amb-AscAcid+HCl BTEX

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs		Remarks	Sample # (lab only)
55-516692	G	DW	—	5/8/24	0726	3	X		-01
55-504425	G	DW	—	5/8/24	0827	3	X		-02
55-910687	G	DW	—	5/8/24	0918	3	X		-03
55-085972	G	DW	—	5/8/24	1007	3	X		-04
55-513231	G	DW	—	5/8/24	1057	3	X		-05
55-532738	G	DW	—	5/8/24	1153	3	X		-06
55-532762	G	DW	—	5/8/24	1256	3	X		-07
DUP-14	G	DW	—	5/8/24	0745	3	X		-08
Trip Blank	—	~~DW~~ OT	—	5/8/24	—	1	X		-09
		DW							

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1734241

1049

Acctnum: **ENCORETAZ**
Template: **T248628**
Prelogin: **P1061496**
PM: **288 - Daphne Richards**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:SAME DAY RUSH TAT APPROVED****

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	5/8/24	1626	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	5-8-24	1800	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
1 HCL / MeoH TBR

Temp: 1.0 1.1 °C Bottles Received: 25

Date: 05-09-24 Time: 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

SOIL VAPOR EXTRACTION

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: March 26, 2024

Client:	Lynn Niewiadomski	Work Order #:	24C042
Company:	Encore Consulting	Project Name:	CK2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	3/21/2024

Dear Client:

Airtech Environmental Laboratories received seven (7) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: March 26, 2024

Client:	Lynn Niewiadomski	Work Order #:	24C042
Company:	Encore Consulting	Project Name:	CK2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	3/21/2024

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
24C042-01	Effluent	8260B AZ Vapor 8015 GRO	3/21/2024	1233
24C042-02	Post-Dilution Influent	8260B AZ Vapor 8015 GRO	3/21/2024	1236
24C042-03	Pre-Dilution Influent	8260B AZ Vapor 8015 GRO	3/21/2024	1240
24C042-04	VE-2B	8260B AZ Vapor 8015 GRO	3/21/2024	1245
24C042-05	VE-2A	8260B AZ Vapor 8015 GRO	3/21/2024	1255
24C042-06	VE-1	8260B AZ Vapor 8015 GRO	3/20/2024	1322
24C042-07	MW-2	8260B AZ Vapor 8015 GRO	3/20/2024	1415

Airtech Environmental Laboratories (AEL)

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Date: March 26, 2024

Client:	Lynn Niewiadomski	Work Order #:	24C042
Company:	Encore Consulting	Project Name:	CK2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	3/21/2024

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T3: Method not promulgated either by EPA or ADHS.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	3/22/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	3/22/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	3/22/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	3/22/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	3/22/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	3/22/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	3/22/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.0	83.9	%REC, 70-130%					
Surr: Toluene-d8	24.0	96.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.5	98.1	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3		1	3/22/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.2	80.8	REC, 60-140%
Surr: Toluene-d8	24.6	98.4	REC, 60-140%
Surr: 4-Bromofluorobenzene	24.0	96.0	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 10	10	< 2.03	2.03	10	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/22/2024	8260B AZ Vapor	
Benzene	**87**	**10**	**27.1**	**3.13**	10	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	3/22/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	3/22/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	3/22/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	3/22/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	3/22/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	3/22/2024	8260B AZ Vapor	
Ethylbenzene	**21**	**10**	**4.82**	**2.30**	10	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	3/22/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.54	9.54	10	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 10	10	< 1.47	1.47	10	3/22/2024	8260B AZ Vapor	
Toluene	**207**	**10**	**55.0**	**2.65**	10	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	3/22/2024	8260B AZ Vapor	
Xylenes, Total	**74**	**30**	**16.9**	**6.91**	10	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.1	84.2	%REC, 70-130%					
Surr: Toluene-d8	23.5	94.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.9	95.4	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	4,490	1,000	1,040	233		10	3/22/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.3	81.1	REC, 60-140%
Surr: Toluene-d8	24.1	96.5	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.4	93.6	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
Benzene	**472**	**50**	**148**	**15.7**	50	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	3/22/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	3/22/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	3/22/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	3/22/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	3/22/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	3/22/2024	8260B AZ Vapor	
Ethylbenzene	**108**	**50**	**24.9**	**11.5**	50	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	3/22/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 50	50	< 7.37	7.37	50	3/22/2024	8260B AZ Vapor	
Toluene	**1,080**	**50**	**286**	**13.3**	50	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	3/22/2024	8260B AZ Vapor	
Xylenes, Total	**382**	**150**	**88.0**	**34.6**	50	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.5	86.0	%REC, 70-130%					
Surr: Toluene-d8	24.2	96.8	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.2	96.7	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

Analyses	Result (ug/l)	Limit (ug/l)	Result (ppmv)	Limit (ppmv)	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	24,300	5,000	5,650	1,160		50	3/22/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	20.7	82.9	REC, 60-140%				
Surr: Toluene-d8	24.7	99.0	REC, 60-140%				
Surr: 4-Bromofluorobenzene	23.5	94.2	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**101**	**50**	**20.4**	**10.2**	50	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
Benzene	**1,690**	**50**	**530**	**15.7**	50	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	3/22/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	3/22/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	3/22/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	3/22/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	3/22/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	3/22/2024	8260B AZ Vapor	
Ethylbenzene	**342**	**50**	**78.8**	**11.5**	50	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	3/22/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 50	50	< 7.37	7.37	50	3/22/2024	8260B AZ Vapor	
Toluene	**3,810**	**50**	**1,010**	**13.3**	50	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	3/22/2024	8260B AZ Vapor	
Xylenes, Total	**1,200**	**150**	**276**	**34.6**	50	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.4	85.4	%REC, 70-130%					
Surr: Toluene-d8	24.3	97.3	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.2	96.7	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	4,700	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Butane	13,000	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Methyl butane	10,300	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Pentane	5,910	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Methyl pentane	5,040	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

Analyses	Result (ug/l)	Limit (ug/l)	Result (ppmv)	Limit (ppmv)	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	90,400	5,000	21,000	1,160		50	3/22/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	20.6	82.4	REC, 60-140%				
Surr: Toluene-d8	24.9	99.6	REC, 60-140%				
Surr: 4-Bromofluorobenzene	23.7	95.0	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2A
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	3/22/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	3/22/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	3/22/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	3/22/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	3/22/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	3/22/2024	8260B AZ Vapor	
Toluene	**1.8**	**1.0**	**0.49**	**0.27**	1	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	3/22/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.2	80.7	%REC, 70-130%					
Surr: Toluene-d8	23.8	95.4	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.6	94.5	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2A
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual

Tentatively Identified Compounds (TIC's)

No reportable TICs detected.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2A
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3		1	3/22/2024	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	19.4	77.8	REC, 60-140%					
Surr: Toluene-d8	24.3	97.3	REC, 60-140%					
Surr: 4-Bromofluorobenzene	23.1	92.4	REC, 60-140%					

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/20/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
Benzene	**974**	**50**	**305**	**15.7**	50	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	3/22/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	3/22/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	3/22/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	3/22/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	3/22/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	3/22/2024	8260B AZ Vapor	
Ethylbenzene	**222**	**50**	**51.0**	**11.5**	50	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	3/22/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 50	50	< 7.37	7.37	50	3/22/2024	8260B AZ Vapor	
Toluene	**2,420**	**50**	**642**	**13.3**	50	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	3/22/2024	8260B AZ Vapor	
Xylenes, Total	**705**	**150**	**162**	**34.6**	50	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	22.0	87.8	%REC, 70-130%					
Surr: Toluene-d8	24.0	95.9	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.1	96.3	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/20/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	5,740	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Butane	16,600	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Methyl butane	9,970	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Pentane	5,350	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Methyl pentane	4,230	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/20/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	52,800	5,000	12,300	1,160		50	3/22/2024	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.2	84.6	REC, 60-140%					
Surr: Toluene-d8	24.5	98.0	REC, 60-140%					
Surr: 4-Bromofluorobenzene	23.7	94.6	REC, 60-140%					

***** 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/20/2024
Lab ID:	07	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/22/2024	8260B AZ Vapor	
Benzene	**844**	**50**	**264**	**15.7**	50	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	3/22/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	3/22/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	3/22/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	3/22/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	3/22/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	3/22/2024	8260B AZ Vapor	
Ethylbenzene	**175**	**50**	**40.2**	**11.5**	50	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	3/22/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 50	50	< 7.37	7.37	50	3/22/2024	8260B AZ Vapor	
Toluene	**2,090**	**50**	**554**	**13.3**	50	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	3/22/2024	8260B AZ Vapor	
Xylenes, Total	**547**	**150**	**126**	**34.6**	50	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.6	86.3	%REC, 70-130%					
Surr: Toluene-d8	24.0	96.2	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.0	96.0	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/20/2024
Lab ID:	07	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	5,810	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Butane	16,600	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Methyl butane	9,880	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Pentane	5,250	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4
Methyl pentane	4,150	500	ug/l		50	3/22/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/20/2024
Lab ID:	07	Matrix:	Soil Vapor Extraction

	ug/l		ppmv				
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Date Analyzed**
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	46,000	5,000	10,700	1,160		50	3/22/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.8	83.2	REC, 60-140%
Surr: Toluene-d8	24.6	98.3	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.9	95.4	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010322

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR	**8260B AZ**					Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/22/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	3/22/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	3/22/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	3/22/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	3/22/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	3/22/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	3/22/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	3/22/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	3/22/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	3/22/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.4	81.4	%REC, 70-130%					
Surr: Toluene-d8	23.9	95.4	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.9	95.4	%REC, 70-130%					

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	N/A
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	N/A
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 3/22/2024 Batch: MS010322 Analyst: PS

Method: 8260B AZ Vapor Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD	Qualifier LCS	 LCSD	RPD	LCS/LCSD LIMIT
VOLATILE ORGANICS IN WATER	ug/l	%	ug/l	%	ug/l	%			<30%	%
Dichlorodifluoromethane(F-12)	18.8	75.3	17.5	70.0	25.0	7.3				39.0-130
Chloromethane	22.4	89.5	21.4	85.4	25.0	4.7				70-130
Vinyl Chloride	22.1	88.4	21.3	85.0	25.0	3.9				70-130
Bromomethane	23.6	94.6	21.9	87.5	25.0	7.7				69.2-135
Chloroethane	25.3	101	25.0	100	25.0	1.2				70-130
Trichlorofluoromethane (F-11)	23.4	93.6	23.8	95.0	25.0	1.5				70-130
1,1-Dichloroethene	21.8	87.2	22.6	90.3	25.0	3.5				70-130
Methylene Chloride	25.4	101	26.3	105	25.0	3.5				70-130
trans-1,2-Dichloroethene	22.0	87.8	23.9	95.5	25.0	8.3				70-130
Methyl tert-butyl ether (MTBE)	19.1	76.3	23.3	93.2	25.0	20.0				70-130
1,1-Dichloroethane	22.8	91.3	24.1	96.4	25.0	5.5				70-130
cis-1,2-Dichloroethene	22.4	89.6	23.8	95.2	25.0	6.1				70-130
Chloroform	23.1	92.2	24.5	98.1	25.0	6.2				70-130
1,1,1-Trichloroethane	23.8	95.0	25.0	100	25.0	5.1				70-130
Carbon tetrachloride	23.6	94.4	25.0	100	25.0	5.9				70-130
Benzene	22.4	89.5	23.4	93.5	25.0	4.4				70-130
1,2-Dichloroethane	22.7	91.0	24.5	98.0	25.0	7.4				70-130
Trichloroethene	24.3	97.1	25.7	103	25.0	5.6				70-130
1,2-Dichloropropane	24.3	97.2	26.4	106	25.0	8.4				70-130
Bromodichloromethane	24.3	97.0	26.2	105	25.0	7.8				70-130
cis-1,3-Dichloropropene	24.1	96.5	25.8	103	25.0	6.8				70-130
Toluene	24.3	97.3	24.9	99.7	25.0	2.4				70-130
trans-1,3-Dichloropropene	24.5	97.8	26.4	105	25.0	7.5				70-130
1,1,2-Trichloroethane	25.0	100	26.6	106	25.0	6.2				70-130
Tetrachloroethene	25.6	102	27.3	109	25.0	6.5				70-130
Dibromochloromethane	26.4	106	27.9	111	25.0	5.5				70-130
1,2-Dibromoethane	26.7	107	28.0	112	25.0	4.6				70-130
Chlorobenzene	24.5	98.0	25.7	103	25.0	4.8				70-130
Ethylbenzene	25.4	101	26.2	105	25.0	3.2				70-130
Xylene, total	76.9	103	79.2	106	75.0	2.9				70-130
Bromoform	24.9	99.4	26.9	108	25.0	7.9				70-130
1,1,2,2-Tetrachloroethane	24.1	96.2	27.4	109	25.0	12.9				70-130
1,3,5-Trimethylbenzene	24.4	97.5	26.0	104	25.0	6.3				70-130
1,2,4-Trimethylbenzene	23.6	94.4	25.1	100	25.0	6.0				70-130
1,3-Dichlorobenzene	25.2	101	26.5	106	25.0	5.3				70-130
1,4-Dichlorobenzene	25.0	100	26.4	106	25.0	5.6				70-130
1,2-Dichlorobenzene	25.3	101	27.0	108	25.0	6.7				70-130
Naphthalene	24.5	98	28.3	113	25.0	14.5				70-130
Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	22.6	90.3	22.3	89.4	70 -130 %					
Surr: Toluene-d8	25.4	102	23.7	94.7	70 -130 %					
Surr: 4-Bromofluorobenzene	25.4	102	23.9	95.6	70 -130 %					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS010322

Source Sample: 24C042-02 Analyst: PS

Analyses 8260B AZ	Sample	Dup	DF	RPD,<30%	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	RPD,<30%			
1,1,1-Trichloroethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Benzene	86.6	88.6	10	2.3	3/22/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	< 50	10	0.0	3/22/2024	8260B AZ Vapor	
Bromoform	< 50	< 50	10	0.0	3/22/2024	8260B AZ Vapor	
Bromomethane	< 50	< 50	10	0.0	3/22/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Chlorobenzene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Chloroethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Chloroform	< 50	< 50	10	0.0	3/22/2024	8260B AZ Vapor	
Chloromethane	< 50	< 50	10	0.0	3/22/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Ethylbenzene	20.9	19.0	10	9.5	3/22/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	< 20	10	0.0	3/22/2024	8260B AZ Vapor	
Methylene chloride	< 50	< 50	10	0.0	3/22/2024	8260B AZ Vapor	
Naphthalene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Tetrachloroethene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Toluene	207	202	10	2.4	3/22/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Trichloroethene	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Vinyl chloride	< 10	< 10	10	0.0	3/22/2024	8260B AZ Vapor	
Xylenes, Total	73.5	64.1	10	13.7	3/22/2024	8260B AZ Vapor	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.1	84.2	21.6	86.2	70-130%
Surr: Toluene-d8	23.5	94.0	24.3	97.3	70-130%
Surr: 4-Bromofluorobenzene	23.9	95.4	24.5	98.0	70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010322

Analyses	Result	ug/l Limit	Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3	1	3/22/2024	8015 by GC/MS	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	19.6	78.4	%REC, 70-130%
Surr: Toluene-d8	24.3	97.4	%REC, 70-130%
Surr: 4-Bromofluorobenzene	23.5	94.0	%REC, 70-130%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	NA
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 3/22/2024 Batch: MS010322 Analyst: PS

Method: 8015 by GC/MS Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD %	Qualifier LCS	Qualifier LCSD	RPD	Date Analyzed	LCS/LCSD LIMIT
Gasoline Range Organics	**ug/l**	**%**	**ug/l**	**%**	**ug/l**				<30%		%
GRO, C^6 - C^{10}	497	99.3	498	99.6	500	0.2				3/22/2024	60-140
Surrogate	ug/l	%REC.	ug/l	%REC.	ug/l	LIMIT					
Surr: Dibromofluoromethane	20.3	81.2	21.6	86.4	25.0	60 -140 %					
Surr: Toluene-d8	25.2	101	24.8	99.4	25.0	60 -140 %					
Surr: 4-Bromofluorobenzene	24.4	97.6	24.3	97.0	25.0	60 -140 %					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	CK2705326	Project Number:	2705326
Lab Order:	24C042	Collection:	3/21/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS010322

Method: 8015 by GC/MS **Source Sample: 24C042-02**

Analyses	Sample	Dup			Data Analyzed	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	**RPD,<30%**	Analyst:	PS
GRO, C^6 - C^{10}	4,490	4,270	10	10.0	3/7/2024	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.3	81.1	20.8	83.0	60-140%
Surr: Toluene-d8	24.1	96.5	24.9	99.7	60-140%
Surr: 4-Bromofluorobenzene	23.4	93.6	24.2	96.8	60-140%
		% REC		% REC	

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

AEL WO # 24C042

Customer: Encore Consulting, LLC	Page 1 of 1	
Address: 950 W Elliot Rd. Suite 116	Sampler: Jesus Ibarra	Phone: 480-341-0824
City, State, Zip: Tempe, AZ 85284	Project Name: CK2705326	Project Number: 2705326
Contact: Lynn Nieweg Jemski	Project location: Chino Valley, AZ	
Phone: 480-258-1778	P.O. Number: 2705326 OM	
E-Mail Address: Lynn@encore-consulting.net	Fax Results: Y (N)	
	E-Mail Results: (Y) N CC: Jesus@encore-consulting.net	

Turn Around Request: ____ Same day ____ 24 Hours ____ 48 Hours ____ 72 Hours ____ 5 working Day ____ Standard 10 Working Days

Sample Receipt
Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Grab Sampler Type
Blue band: One minute
Yellow band: Two minutes
Red band: Five minutes ✓
One, Two or Five minutes to fill one liter canister.

Sample Type
SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

AEL Lab #	Serial # Canister	Serial # Sampler	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	TIC's		DFA tracer cmpd. as TIC
01			6 1 bag	1 2 5	Effluent	3/21/24	1233	SVE	1				X		X				
02			6 1 bag	1 2 5	Post-Dilution Influent	3/21/24	1236	SVE	1				X		X				
03			6 1 bag	1 2 5	Pre-Dilution Influent	3/21/24	1240	SVE	1				X		X				
04			6 1 bag	1 2 5	VE-2B	3/21/24	1245	SVE	1				X		X		X		
05			6 1 bag	1 2 5	VE-2A	3/21/24	1255	SVE	1				X		X		X		
06			6 1 bag	1 2 5	VE-1	3/20/24	1322	SVE	1				X		X		X		
07			6 1 bag	1 2 5	MW-2	3/20/24	1415	SVE	1				X		X		X		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements: THE PRESSURE IN THE CANISTER AFTER SAMPLING CAN NOT EXCEED 40 PSI.

Date:	Time:	Samples Relinquished By:	Received By:
3/21/24	1310	Jesus Ibarra	Miriam Bell
3/21/24	1700		Jaime Jones - Airtech
3/21/24	1000	Miriam Bell	JMJ

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: March 30, 2024

Client:	Lynn Niewiadomski	Work Order #:	24C053
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	3/29/2024

Dear Client:

Airtech Environmental Laboratories received six (6) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: March 30, 2024

Client:	Lynn Niewiadomski	Work Order #:	24C053
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	3/29/2024

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
24C053-01	Effluent	8260B AZ Vapor 8015 GRO	3/29/2024	0753
24C053-02	Post-Dilution Influent	8260B AZ Vapor 8015 GRO	3/29/2024	0738
24C053-03	Pre-Dilution Influent	8260B AZ Vapor 8015 GRO	3/29/2024	0805
24C053-04	MW-2	8260B AZ Vapor 8015 GRO	3/29/2024	0813
24C053-05	VE-2B	8260B AZ Vapor 8015 GRO	3/29/2024	0818
24C053-06	VE-1	8260B AZ Vapor 8015 GRO	3/29/2024	0824

Airtech Environmental Laboratories (AEL)

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Date: March 30, 2024

Client:	Lynn Niewiadomski	Work Order #:	24C053
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	3/29/2024

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T3: Method not promulgated either by EPA or ADHS.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	01	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/29/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	3/29/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	3/29/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	3/29/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	3/29/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	3/29/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	3/29/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	3/29/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	3/29/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	3/29/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	19.9	79.6	%REC, 70-130%					
Surr: Toluene-d8	23.5	94.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.7	94.7	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	01	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**

Tentatively Identified Compounds (TIC's)

No repotable TICS detected.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	01	Matrix:	SVE

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3		1	3/29/2024	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	19.2	76.8	REC, 60-140%
Surr: Toluene-d8	24.0	95.8	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.3	93.2	REC, 60-140%

***** 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	02	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 10	10	< 2.0	2.03	10	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/29/2024	8260B AZ Vapor	
Benzene	**89**	**10**	**28.0**	**3.13**	10	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	3/29/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	3/29/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	3/29/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	3/29/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	3/29/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	3/29/2024	8260B AZ Vapor	
Ethylbenzene	**22**	**10**	**5.12**	**2.30**	10	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	3/29/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.5	9.5	10	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	3/29/2024	8260B AZ Vapor	
Toluene	**234**	**10**	**61.9**	**2.65**	10	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	3/29/2024	8260B AZ Vapor	
Xylenes, Total	**75**	**30**	**17.4**	**6.91**	10	3/29/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.9	83.6	%REC, 70-130%					
Surr: Toluene-d8	23.7	94.8	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.1	96.5	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	02	Matrix:	SVE

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	991	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Butane	4,080	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Methyl butane	2,050	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Pentane	1,100	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Methyl pentane	914	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	02	Matrix:	SVE

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	4,390	1,000	1,020	233		10	3/29/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.2	80.6	REC, 60-140%
Surr: Toluene-d8	24.3	97.0	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.6	94.5	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	03	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
Benzene	**575**	**50**	**180**	**15.7**	50	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	3/29/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	3/29/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	3/29/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	3/29/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	3/29/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	3/29/2024	8260B AZ Vapor	
Ethylbenzene	**138**	**50**	**31.7**	**11.5**	50	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	3/29/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	3/29/2024	8260B AZ Vapor	
Toluene	**1,450**	**50**	**385**	**13.3**	50	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	3/29/2024	8260B AZ Vapor	
Xylenes, Total	**467**	**150**	**108**	**34.6**	50	3/29/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.8	87.0	%REC, 70-130%					
Surr: Toluene-d8	24.2	96.9	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.5	97.8	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	03	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	3,400	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Butane	13,600	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Methyl butane	7,380	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Pentane	3,900	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Methyl pentane	3,430	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	03	Matrix:	SVE

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**						Analyst: PS
GRO, C^6 - C^{10}	30,900	5,000	7,190	1,160		50	3/29/2024	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.0	83.9	REC, 60-140%					
Surr: Toluene-d8	24.8	99.1	REC, 60-140%					
Surr: 4-Bromofluorobenzene	24.0	96.0	REC, 60-140%					

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	04	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 10	10	< 2.03	2.03	10	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	3/29/2024	8260B AZ Vapor	
Benzene	**12**	**10**	**3.70**	**3.13**	10	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	3/29/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	3/29/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	3/29/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	3/29/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	3/29/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	3/29/2024	8260B AZ Vapor	
Ethylbenzene	**10**	**10**	**2.30**	**2.30**	10	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	3/29/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.54	9.54	10	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	3/29/2024	8260B AZ Vapor	
Toluene	**61**	**10**	**16.1**	**2.65**	10	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	3/29/2024	8260B AZ Vapor	
Xylenes, Total	**37**	**30**	**8.57**	**6.91**	10	3/29/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.3	85.3	%REC, 70-130%					
Surr: Toluene-d8	23.7	94.8	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.9	95.5	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	04	Matrix:	SVE

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	1,060	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Butane	4,150	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Methyl butane	1,950	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Pentane	957	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4
Methyl pentane	651	100	ug/l		10	3/29/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	04	Matrix:	SVE

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	2,770	1,000	644	233		10	3/29/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	20.5	82.2	REC, 60-140%				
Surr: Toluene-d8	24.3	97.1	REC, 60-140%				
Surr: 4-Bromofluorobenzene	23.6	94.3	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	05	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
Benzene	**701**	**50**	**220**	**15.7**	50	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	3/29/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	3/29/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	3/29/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	3/29/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	3/29/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	3/29/2024	8260B AZ Vapor	
Ethylbenzene	**144**	**50**	**33.1**	**11.5**	50	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	3/29/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	3/29/2024	8260B AZ Vapor	
Toluene	**1,630**	**50**	**432**	**13.3**	50	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	3/29/2024	8260B AZ Vapor	
Xylenes, Total	**478**	**150**	**110**	**34.6**	50	3/29/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.3	85.4	%REC, 70-130%					
Surr: Toluene-d8	23.5	94.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.6	94.2	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	05	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	3,030	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Butane	12,300	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Methyl butane	7,360	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Pentane	3,990	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Methyl pentane	3,740	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	05	Matrix:	SVE

	ug/l		ppmv				
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Date Analyzed**
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	35,200	5,000	8,190	1,160		50	3/29/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	20.6	82.2	REC, 60-140%				
Surr: Toluene-d8	24.0	96.2	REC, 60-140%				
Surr: 4-Bromofluorobenzene	23.2	92.8	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	06	Matrix:	SVE

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**119**	**50**	**24.1**	**10.2**	50	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	3/29/2024	8260B AZ Vapor	
Benzene	**1,110**	**50**	**348**	**15.7**	50	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	3/29/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	3/29/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	3/29/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	3/29/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	3/29/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	3/29/2024	8260B AZ Vapor	
Ethylbenzene	**433**	**50**	**99.8**	**11.5**	50	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	3/29/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	3/29/2024	8260B AZ Vapor	
Toluene	**3,570**	**50**	**947**	**13.3**	50	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	3/29/2024	8260B AZ Vapor	
Xylenes, Total	**1,530**	**150**	**353**	**34.6**	50	3/29/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	22.5	90.2	%REC, 70-130%					
Surr: Toluene-d8	25.1	100	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	25.3	101	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	06	Matrix:	SVE

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	5,830	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Butane	16,600	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Methyl butane	10,100	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Pentane	5,300	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4
Methyl pentane	4,230	500	ug/l		50	3/29/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	3/29/2024
Lab ID:	06	Matrix:	SVE

	ug/l		ppmv				
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Date Analyzed**
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	65,800	5,000	15,300	1,160		50	3/29/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.7	86.9	REC, 60-140%
Surr: Toluene-d8	25.7	103	REC, 60-140%
Surr: 4-Bromofluorobenzene	25.1	101	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010329

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR	**8260B AZ**					Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	3/29/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	3/29/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	3/29/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	3/29/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	3/29/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	3/29/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	3/29/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	3/29/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	3/29/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	3/29/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.0	83.9	%REC, 70-130%					
Surr: Toluene-d8	24.0	96.2	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.8	99.2	%REC, 70-130%					

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	N/A
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	N/A
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 3/29/2024 Batch: MS010329 Analyst: PS

Method: 8260B AZ Vapor Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD	Qualifier LCS	 LCSD	RPD	LCS/LCSD LIMIT
VOLATILE ORGANICS IN WATER	**ug/l**	**%**	**ug/l**	**%**	**ug/l**	**%**			<30%	%
Dichlorodifluoromethane(F-12)	24.3	97.0	24.5	97.9	25.0	0.9				39.0-130
Chloromethane	24.0	95.9	24.5	98.1	25.0	2.3				70-130
Vinyl Chloride	23.1	92.4	23.2	92.7	25.0	0.3				70-130
Bromomethane	23.2	92.7	23.4	93.4	25.0	0.7				69.2-135
Chloroethane	25.5	102	26.8	107	25.0	4.9				70-130
Trichlorofluoromethane (F-11)	24.6	98.3	24.6	98.2	25.0	0.1				70-130
1,1-Dichloroethene	22.6	90.3	22.5	90.0	25.0	0.3				70-130
Methylene Chloride	25.5	102	26.3	105	25.0	2.9				70-130
trans-1,2-Dichloroethene	23.2	92.8	23.2	92.6	25.0	0.3				70-130
Methyl tert-butyl ether (MTBE)	23.1	92.4	23.6	94.2	25.0	2.0				70-130
1,1-Dichloroethane	23.6	94.2	23.9	95.8	25.0	1.6				70-130
cis-1,2-Dichloroethene	23.4	93.4	23.5	94.0	25.0	0.6				70-130
Chloroform	24.1	96.3	24.2	96.8	25.0	0.5				70-130
1,1,1-Trichloroethane	24.7	98.9	24.5	97.9	25.0	1.0				70-130
Carbon tetrachloride	25.1	100	24.6	98.6	25.0	1.7				70-130
Benzene	23.0	92.2	22.9	91.6	25.0	0.6				70-130
1,2-Dichloroethane	24.1	96.2	24.5	98.0	25.0	1.8				70-130
Trichloroethene	25.5	102	24.7	98.6	25.0	3.4				70-130
1,2-Dichloropropane	26.0	104	26.0	104	25.0	0.3				70-130
Bromodichloromethane	26.1	104	25.9	104	25.0	0.7				70-130
cis-1,3-Dichloropropene	26.2	105	25.6	102	25.0	2.3				70-130
Toluene	24.8	99.3	24.2	96.8	25.0	2.5				70-130
trans-1,3-Dichloropropene	26.8	107	26.4	106	25.0	1.5				70-130
1,1,2-Trichloroethane	27.0	108	27.1	108	25.0	0.2				70-130
Tetrachloroethene	26.6	106	26.2	105	25.0	1.3				70-130
Dibromochloromethane	28.7	115	28.5	114	25.0	0.7				70-130
1,2-Dibromoethane	28.8	115	28.4	114	25.0	1.2				70-130
Chlorobenzene	25.8	103	25.0	99.9	25.0	3.2				70-130
Ethylbenzene	26.4	106	25.4	101	25.0	4.2				70-130
Xylene, total	79.4	106	76.0	101	75.0	4.4				70-130
Bromoform	27.8	111	28.0	112	25.0	0.6				70-130
1,1,2,2-Tetrachloroethane	26.5	106	27.8	111	25.0	4.6				70-130
1,3,5-Trimethylbenzene	25.6	102	25.1	101	25.0	1.9				70-130
1,2,4-Trimethylbenzene	24.8	99.2	24.3	97.2	25.0	2.0				70-130
1,3-Dichlorobenzene	26.2	105	26.1	105	25.0	0.3				70-130
1,4-Dichlorobenzene	26.3	105	26.0	104	25.0	0.9				70-130
1,2-Dichlorobenzene	26.5	106	26.6	106	25.0	0.4				70-130
Naphthalene	26.6	107	28.4	114	25.0	6.4				70-130
Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.7	86.8	22.1	88.5	70 -130 %					
Surr: Toluene-d8	23.2	93.0	22.5	90.0	70 -130 %					
Surr: 4-Bromofluorobenzene	24.1	96.2	23.5	94.0	70 -130 %					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	NA
Lab ID:	Sample Dup	Matrix:	SVE

Method QC Data

Batch: MS010329

Source Sample: 24C049-02 Analyst: PS

Analyses 8260B AZ	Sample	Dup	DF	RPD,<30%	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	RPD,<30%			
1,1,1-Trichloroethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	33.5	28.8	5	2.9	3/29/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	13.2	11.6	5	2.6	3/29/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Benzene	25.5	26.0	5	0.4	3/29/2024	8260B AZ Vapor	
Bromodichloromethane	< 25	< 25	5	0.0	3/29/2024	8260B AZ Vapor	
Bromoform	< 25	< 25	5	0.0	3/29/2024	8260B AZ Vapor	
Bromomethane	< 25	< 25	5	0.0	3/29/2024	8260B AZ Vapor	
Carbon tetrachloride	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Chlorobenzene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Chloroethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Chloroform	< 25	< 25	5	0.0	3/29/2024	8260B AZ Vapor	
Chloromethane	< 25	< 25	5	0.0	3/29/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Dibromochloromethane	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Ethylbenzene	63.5	58.8	5	1.4	3/29/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 10	< 10	5	0.0	3/29/2024	8260B AZ Vapor	
Methylene chloride	< 25	< 25	5	0.0	3/29/2024	8260B AZ Vapor	
Naphthalene	< 25	< 25	5	0.0	3/29/2024	8260B AZ Vapor	
Tetrachloroethene	10	10	5	0.0	3/29/2024	8260B AZ Vapor	
Toluene	259	247	5	0.9	3/29/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Trichloroethene	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Vinyl chloride	< 5.0	< 5.0	5	0.0	3/29/2024	8260B AZ Vapor	
Xylenes, Total	263	238	5	1.9	3/29/2024	8260B AZ Vapor	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.6	82.4	21.0	84.1	70-130%
Surr: Toluene-d8	24.2	96.8	24.1	96.2	70-130%
Surr: 4-Bromofluorobenzene	24.5	98.0	24.6	98.4	70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010329

Analyses	Result	ug/l Limit	Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3	1	3/29/2024	8015 by GC/MS	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.2	80.8	%REC, 70-130%
Surr: Toluene-d8	24.7	98.7	%REC, 70-130%
Surr: 4-Bromofluorobenzene	24.5	97.8	%REC, 70-130%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	NA
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 3/29/2024 Batch: MS010329 Analyst: PS

Method: 8015 by GC/MS Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD %	Qualifier LCS	Qualifier LCSD	RPD	Date Analyzed	LCS/LCSD LIMIT
Gasoline Range Organics	**ug/l**	**%**	**ug/l**	**%**	**ug/l**				<30%		%
GRO, C^6 - C^{10}	484	96.7	474	94.8	500	2.0				3/29/2024	60-140
Surrogate	ug/l	%REC.	ug/l	%REC.	ug/l	LIMIT					
Surr: Dibromofluoromethane	19.6	78.3	20.0	80.2	25.0	60 -140 %					
Surr: Toluene-d8	23.7	94.6	23.6	94.3	25.0	60 -140 %					
Surr: 4-Bromofluorobenzene	24.1	96.2	23.4	93.8	25.0	60 -140 %					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24C053	Collection:	NA
Lab ID:	Sample Dup	Matrix:	SVE

Method QC Data

Batch: MS010329

Method: 8015 by GC/MS **Source Sample: 24C049-02**

Analyses	Sample	Dup	DF	RPD,<30%	Data Analyzed	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	**RPD,<30%**	Analyst:	PS
GRO, C^6 - C^{10}	4,790	4,610	5	3.8	3/29/2024	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	19.9	79.4	20.3	81.0	60-140%
Surr: Toluene-d8	24.7	98.7	24.6	98.6	60-140%
Surr: 4-Bromofluorobenzene	23.9	95.4	24.4	97.6	60-140%
		% REC		% REC	

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

AEL WO # 24C053

Customer: Encore Consulting, LLC
Address: 930 West Elliot Road Suite 116
City, State, Zip: Tempe, AZ 85284
Contact: Lyan Niewinski
Phone:
E-Mail Address: Lyan@encore-consulting.net

Page 1 of 1
Sampler: Jaws Ibarra Phone: 480-341-0624
Project Name: 2705326 Project Number: 2705326
Project location: Chino Valley, AZ
P.O. Number: 2705326 OM
Fax Results: Y (N)
E-Mail Results: (Y) N cc: jaws@encore-consulting.net

Turn Around Request
_____ Same day _____ 24 Hours
_____ 48 Hours _____ 72Hours
_____ 5 working Day Monday
_____ Standard 10 Working Days

Sample Receipt
Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Grab Sampler Type
Blue band: One minute
Yellow band: Two minutes
Red band: Five minutes
One, Two or Five minutes to fill one liter canister.

Sample Type
SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

AEL Lab #	Serial # Canister	Serial # Sampler	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	TICs		DFA tracer cmpd. as TIC
01			6 1 (bag)	1 2 5	Effluent	3/29/24	0753	SVE	1				X		X		X		
02			6 1 (bag)	1 2 5	Post-Dilution Influent	"	0738	SVE	1				X		X		X		
03			6 1 (bag)	1 2 5	Pre-Dilution Influent	"	0805	SVE	1				X		X		X		
04			6 1 (bag)	1 2 5	MW-2	"	0813	SVE	1				X		X		X		
05			6 1 (bag)	1 2 5	VE-2B	"	0818	SVE	1				X		X		X		
06			6 1 (bag)	1 2 5	VE-1	"	0824	SVE	1				X		X		X		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements: THE PRESSURE IN THE CANISTER AFTER SAMPLING CAN NOT EXCEED 40 PSI.

Date:	Time:	Samples Relinquished By:	Received By:
3/24/24	1102		

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: April 9, 2024

Client:	Lynn Niewiadomski	Work Order #:	24D005
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	4/4/2024

Dear Client:

Airtech Environmental Laboratories received six (6) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: April 9, 2024

Client:	Lynn Niewiadomski	Work Order #:	24D005
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	4/4/2024

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
24D005-01	Effluent	8260B AZ Vapor 8015 GRO	4/4/2024	0918
24D005-02	Post-Dilution Influent	8260B AZ Vapor 8015 GRO	4/4/2024	0921
24D005-03	Pre-Dilution Influent	8260B AZ Vapor 8015 GRO	4/4/2024	0925
24D005-04	MW-2	8260B AZ Vapor 8015 GRO	4/4/2024	0929
24D005-05	VE-2B	8260B AZ Vapor 8015 GRO	4/4/2024	0934
24D005-06	VE-1	8260B AZ Vapor 8015 GRO	4/4/2024	0938

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Date: April 9, 2024

Client:	Lynn Niewiadomski	Work Order #:	24D005
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	4/4/2024

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T3: Method not promulgated either by EPA or ADHS.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/5/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	4/5/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	4/5/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	4/5/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	4/5/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	4/5/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	4/5/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	4/5/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	4/5/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	4/5/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	4/5/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	4/5/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	4/5/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	4/5/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	4/5/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.2	84.8	%REC, 70-130%					
Surr: Toluene-d8	24.2	96.9	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.5	98.2	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**

Tentatively Identified Compounds (TIC's)

No repotable TICS detected.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3		1	4/5/2024	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.4	81.8	REC, 60-140%
Surr: Toluene-d8	24.7	98.9	REC, 60-140%
Surr: 4-Bromofluorobenzene	24.2	96.7	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 10	10	< 2.0	2.03	10	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/5/2024	8260B AZ Vapor	
Benzene	**83**	**10**	**26.1**	**3.13**	10	4/5/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	4/5/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	4/5/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	4/5/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	4/5/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	4/5/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	4/5/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/5/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	4/5/2024	8260B AZ Vapor	
Ethylbenzene	**20**	**10**	**4.68**	**2.30**	10	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	4/5/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	4/5/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.5	9.5	10	4/5/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	4/5/2024	8260B AZ Vapor	
Toluene	**204**	**10**	**54.1**	**2.65**	10	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/5/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	4/5/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	4/5/2024	8260B AZ Vapor	
Xylenes, Total	**69**	**30**	**15.8**	**6.91**	10	4/5/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.7	86.7	%REC, 70-130%					
Surr: Toluene-d8	23.8	95.2	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.9	95.7	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	1,130	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Butane	4,640	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Methyl butane	2,410	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Pentane	1,260	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Methyl pentane	1,050	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4

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Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	4,560	1,000	1,060	233		10	4/5/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.9	83.6	REC, 60-140%
Surr: Toluene-d8	24.4	97.6	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.8	95.3	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
Benzene	**549**	**50**	**172**	**15.7**	50	4/5/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	4/5/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	4/5/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	4/5/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	4/5/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	4/5/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	4/5/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/5/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	4/5/2024	8260B AZ Vapor	
Ethylbenzene	**126**	**50**	**28.9**	**11.5**	50	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	4/5/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	4/5/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	4/5/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	4/5/2024	8260B AZ Vapor	
Toluene	**1,350**	**50**	**358**	**13.3**	50	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/5/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	4/5/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	4/5/2024	8260B AZ Vapor	
Xylenes, Total	**428**	**150**	**98.6**	**34.6**	50	4/5/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.4	81.6	%REC, 70-130%					
Surr: Toluene-d8	23.5	94.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.2	92.7	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	3,150	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Butane	13,500	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Methyl butane	7,570	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Pentane	4,020	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Methyl pentane	3,500	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	32,600	5,000	7,580	1,163		50	4/5/2024	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	19.7	78.6	REC, 60-140%					
Surr: Toluene-d8	24.0	95.9	REC, 60-140%					
Surr: 4-Bromofluorobenzene	23.0	92.0	REC, 60-140%					

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 10	10	< 2.03	2.03	10	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/5/2024	8260B AZ Vapor	
Benzene	< 10	10	< 3.13	3.13	10	4/5/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	4/5/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	4/5/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	4/5/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	4/5/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	4/5/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	4/5/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/5/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	4/5/2024	8260B AZ Vapor	
Ethylbenzene	< 10	10	< 2.30	2.30	10	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	4/5/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	4/5/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.54	9.54	10	4/5/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	4/5/2024	8260B AZ Vapor	
Toluene	**23**	**10**	**5.99**	**2.65**	10	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/5/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	4/5/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	4/5/2024	8260B AZ Vapor	
Xylenes, Total	< 30	30	< 6.91	6.91	10	4/5/2024	8260B AZ Vapor	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.9	87.4	%REC, 70-130%
Surr: Toluene-d8	24.5	98.1	%REC, 70-130%
Surr: 4-Bromofluorobenzene	24.1	96.6	%REC, 70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	1,190	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Butane	3,990	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Methyl butane	2,190	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Pentane	1,080	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4
Methyl pentane	851	100	ug/l		10	4/5/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	5,900	1,000	1,372	233		10	4/5/2024	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.1	84.2	REC, 60-140%					
Surr: Toluene-d8	25.1	100.6	REC, 60-140%					
Surr: 4-Bromofluorobenzene	23.8	95.3	REC, 60-140%					

***** 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
Benzene	**598**	**50**	**187**	**15.7**	50	4/5/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	4/5/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	4/5/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	4/5/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	4/5/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	4/5/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	4/5/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/5/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	4/5/2024	8260B AZ Vapor	
Ethylbenzene	**114**	**50**	**26.2**	**11.5**	50	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	4/5/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	4/5/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	4/5/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	4/5/2024	8260B AZ Vapor	
Toluene	**1,370**	**50**	**363**	**13.3**	50	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/5/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	4/5/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	4/5/2024	8260B AZ Vapor	
Xylenes, Total	**375**	**150**	**86.4**	**34.6**	50	4/5/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.7	82.7	%REC, 70-130%					
Surr: Toluene-d8	22.8	91.1	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.0	92.1	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	2,850	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Butane	11,900	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Methyl butane	7,020	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Pentane	3,730	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Methyl pentane	3,490	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

	ug/l		ppmv				
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Date Analyzed**
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	31,000	5,000	7,210	1,163		50	4/5/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	19.9	79.7	REC, 60-140%				
Surr: Toluene-d8	23.5	93.9	REC, 60-140%				
Surr: 4-Bromofluorobenzene	22.6	90.5	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**83**	**50**	**16.9**	**10.2**	50	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/5/2024	8260B AZ Vapor	
Benzene	**921**	**50**	**289**	**15.7**	50	4/5/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	4/5/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	4/5/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	4/5/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	4/5/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	4/5/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	4/5/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/5/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	4/5/2024	8260B AZ Vapor	
Ethylbenzene	**273**	**50**	**62.8**	**11.5**	50	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	4/5/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	4/5/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	4/5/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	4/5/2024	8260B AZ Vapor	
Toluene	**2,540**	**50**	**674**	**13.3**	50	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/5/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	4/5/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	4/5/2024	8260B AZ Vapor	
Xylenes, Total	**916**	**150**	**211**	**34.6**	50	4/5/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.9	87.5	%REC, 70-130%					
Surr: Toluene-d8	24.0	96.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.2	96.8	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	6,280	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Butane	18,800	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Methyl butane	11,300	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Pentane	5,490	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4
Methyl pentane	4,720	500	ug/l		50	4/5/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

Analyses	Result (ug/l)	Limit (ug/l)	Result (ppmv)	Limit (ppmv)	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	67,600	5,000	15,700	1,163		50	4/5/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.1	84.3	REC, 60-140%
Surr: Toluene-d8	24.7	98.6	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.7	94.7	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010405

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR	**8260B AZ**					Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/5/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	4/5/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	4/5/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	4/5/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	4/5/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	4/5/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	4/5/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	4/5/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	4/5/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	4/5/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	4/5/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	4/5/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/5/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	4/5/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	4/5/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	4/5/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.1	84.6	%REC, 70-130%					
Surr: Toluene-d8	23.7	94.6	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.3	97.1	%REC, 70-130%					

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	N/A
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	N/A
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 4/5/2024 Batch: MS010405 Analyst: PS

Method: 8260B AZ Vapor Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD	Qualifier LCS	 LCSD	 RPD	LCS/LCSD LIMIT
VOLATILE ORGANICS IN WATER	ug/l	%	ug/l	%	ug/l	%			<30%	%
Dichlorodifluoromethane(F-12)	24.8	99.4	24.5	97.9	25.0	1.5				39.0-130
Chloromethane	24.3	97.2	23.9	95.6	25.0	1.7				70-130
Vinyl Chloride	23.9	95.4	23.6	94.4	25.0	1.0				70-130
Bromomethane	24.1	96.4	22.8	91.2	25.0	5.5				69.2-135
Chloroethane	27.1	108	26.3	105	25.0	3.0				70-130
Trichlorofluoromethane (F-11)	24.9	99.5	24.8	99.3	25.0	0.2				70-130
1,1-Dichloroethene	22.8	91.3	23.2	92.8	25.0	1.6				70-130
Methylene Chloride	26.3	105	25.9	104	25.0	1.3				70-130
trans-1,2-Dichloroethene	23.1	92.2	22.8	91.1	25.0	1.2				70-130
Methyl tert-butyl ether (MTBE)	22.7	90.9	22.3	89.3	25.0	1.8				70-130
1,1-Dichloroethane	23.7	94.7	23.3	93.1	25.0	1.7				70-130
cis-1,2-Dichloroethene	23.1	92.3	22.8	91.2	25.0	1.2				70-130
Chloroform	23.8	95.1	23.5	94.0	25.0	1.2				70-130
1,1,1-Trichloroethane	24.5	97.8	23.9	95.6	25.0	2.3				70-130
Carbon tetrachloride	24.9	99.6	24.7	98.9	25.0	0.7				70-130
Benzene	23.0	92.0	22.7	91.0	25.0	1.1				70-130
1,2-Dichloroethane	24.1	96.2	24.2	96.8	25.0	0.6				70-130
Trichloroethene	25.4	101	25.5	102	25.0	0.6				70-130
1,2-Dichloropropane	27.2	109	25.5	102	25.0	6.5				70-130
Bromodichloromethane	25.9	104	25.3	101	25.0	2.2				70-130
cis-1,3-Dichloropropene	25.7	103	24.8	99.2	25.0	3.5				70-130
Toluene	24.9	99.4	24.8	99.3	25.0	0.1				70-130
trans-1,3-Dichloropropene	26.3	105	25.9	103	25.0	1.7				70-130
1,1,2-Trichloroethane	27.0	108	27.2	109	25.0	0.6				70-130
Tetrachloroethene	27.1	108	28.1	112	25.0	3.5				70-130
Dibromochloromethane	28.4	114	28.3	113	25.0	0.2				70-130
1,2-Dibromoethane	28.7	115	28.8	115	25.0	0.3				70-130
Chlorobenzene	25.3	101	25.1	100	25.0	1.0				70-130
Ethylbenzene	25.9	104	25.8	103	25.0	0.2				70-130
Xylene, total	78.0	104	78.0	104	75.0	0.0				70-130
Bromoform	28.1	112	27.6	110	25.0	1.7				70-130
1,1,2,2-Tetrachloroethane	27.3	109	26.8	107	25.0	2.1				70-130
1,3,5-Trimethylbenzene	24.8	99.0	24.8	99.1	25.0	0.1				70-130
1,2,4-Trimethylbenzene	24.2	96.7	24.0	95.8	25.0	0.9				70-130
1,3-Dichlorobenzene	26.0	104	25.6	102	25.0	1.5				70-130
1,4-Dichlorobenzene	25.9	104	25.8	103	25.0	0.7				70-130
1,2-Dichlorobenzene	26.6	106	26.1	104	25.0	1.9				70-130
Naphthalene	27.1	108	27.6	111	25.0	1.9				70-130
Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.7	86.8	21.1	84.5	70	-130 %				
Surr: Toluene-d8	23.9	95.8	23.4	93.6	70	-130 %				
Surr: 4-Bromofluorobenzene	23.8	95.1	23.1	92.3	70	-130 %				

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS010405

Source Sample: 24D005-02

Analyst: PS

Analyses	8260B AZ	Sample	Dup	DF	RPD,<30%	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR		**ug/l**	**ug/l**	**DF**	RPD,<30%			
1,1,1-Trichloroethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,1,2-Trichloroethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,1-Dichloroethene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,2-Dibromoethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,2-Dichlorobenzene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,2-Dichloroethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,2-Dichloropropane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,3-Dichlorobenzene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
1,4-Dichlorobenzene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Benzene		83.2	87.5	10	0.9	4/5/2024	8260B AZ Vapor	
Bromodichloromethane		< 25	< 25	10	0.0	4/5/2024	8260B AZ Vapor	
Bromoform		< 25	< 25	10	0.0	4/5/2024	8260B AZ Vapor	
Bromomethane		< 25	< 25	10	0.0	4/5/2024	8260B AZ Vapor	
Carbon tetrachloride		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Chlorobenzene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Chloroethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Chloroform		< 25	< 25	10	0.0	4/5/2024	8260B AZ Vapor	
Chloromethane		< 25	< 25	10	0.0	4/5/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Dibromochloromethane		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Ethylbenzene		20.3	21.5	10	1.0	4/5/2024	8260B AZ Vapor	
Methyl tert-butyl ether		< 10	< 10	10	0.0	4/5/2024	8260B AZ Vapor	
Methylene chloride		< 25	< 25	10	0.0	4/5/2024	8260B AZ Vapor	
Naphthalene		< 25	< 25	10	0.0	4/5/2024	8260B AZ Vapor	
Tetrachloroethene		10	10	10	0.0	4/5/2024	8260B AZ Vapor	
Toluene		204	223	10	1.6	4/5/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Trichloroethene		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Vinyl chloride		< 5.0	< 5.0	10	0.0	4/5/2024	8260B AZ Vapor	
Xylenes, Total		68.7	71.9	10	0.8	4/5/2024	8260B AZ Vapor	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.7	86.7	22.0	88.2	70-130%
Surr: Toluene-d8	23.8	95.2	24.6	98.2	70-130%
Surr: 4-Bromofluorobenzene	23.9	95.7	24.8	99.3	70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010405

Analyses	Result	ug/l Limit	Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3	1	4/5/2024	8015 by GC/MS	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.4	81.5	%REC, 70-130%
Surr: Toluene-d8	24.2	96.8	%REC, 70-130%
Surr: 4-Bromofluorobenzene	23.8	95.2	%REC, 70-130%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	NA
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 4/5/2024 Batch: MS010405 Analyst: PS

Method: 8015 by GC/MS Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD %	Qualifier LCS	Qualifier LCSD	RPD	Date Analyzed	LCS/LCSD LIMIT
Gasoline Range Organics	**ug/l**	**%**	**ug/l**	**%**	**ug/l**				<30%		%
GRO, C^6 - C^{10}	470	93.9	473	94.6	500	0.8				4/5/2024	60-140
Surrogate	ug/l	%REC.	ug/l	%REC.	ug/l	LIMIT					
Surr: Dibromofluoromethane	20.5	81.9	20.3	81.2	25.0	60 -140 %					
Surr: Toluene-d8	23.9	95.4	24.1	96.4	25.0	60 -140 %					
Surr: 4-Bromofluorobenzene	23.7	95.0	23.9	95.4	25.0	60 -140 %					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D005	Collection:	4/4/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS010405

Method: 8015 by GC/MS **Source Sample: 24D005-02**

Analyses	Sample	Dup	DF	RPD,<30%	Data Analyzed	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	**RPD,<30%**	Analyst:	PS
GRO, C^6 - C^{10}	4,560	4,800	10	5.1	4/5/2024	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.9	83.6	21.2	85.0	60-140%
Surr: Toluene-d8	24.4	97.6	25.2	101	60-140%
Surr: 4-Bromofluorobenzene	23.8	95.3	24.5	97.8	60-140%
		% REC		% REC	

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

AEL WO # 24D005

Customer: Encore Consulting, LLC	Page 1 of 1	
Address: 430 W Elliot Rd. Suite 116	Sampler: Jesus Ibarra	Phone: 480-341-0824
City, State, Zip: Tempe, AZ 85284	Project Name: 2705326	Project Number: 2705326
Contact: Lynn Nieman Jamski	Project location: Chino Valley, AZ	
Phone:	P.O. Number: 2705326 OM	
E-Mail Address: Lynn@encore-consulting.net	Fax Results: Y (N)	
	E-Mail Results: (Y) N (C: Jesus	

Turn Around Request

_____ Same day _____ 24 Hours

_____ 48 Hours _____ 72 Hours

_____ 5 working Day

X Standard 10 Working Days

Sample Receipt	Grab Sampler Type	Sample Type
Temperature_____ °C	Blue band: One minute	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes_____ No_____	Yellow band: Two minutes	A: ambient air WW: waste water
Custody Seals Intact: Yes_____ No_____	Red band: Five minutes	I: indoor air
Total # of Containers:_____	*One, Two or Five minutes to fill one liter canister.*	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Sampler	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	TICs		DFA tracer cmpd. as TIC
01			6 1 (bag)	1 2 5	Effluent	4/4/24	0918	SVE	1				X		X		X		
02			6 1 (bag)	1 2 5	Post-Dilution influent		0921		1				X		X		X		
03			6 1 (bag)	1 2 5	Pre-Dilution influent		0925		1				X		X		X		
04			6 1 (bag)	1 2 5	MW-2		0929		1				X		X		X		
05			6 1 (bag)	1 2 5	VE-2B		0934		1				X		X		X		
06			6 1 (bag)	1 2 5	VE-1		0938		1				X		X		X		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements: THE PRESSURE IN THE CANISTER AFTER SAMPLING CAN NOT EXCEED 40 PSI.

Date:	Time:	Samples Relinquished By:	Received By:
4/4/24	1024		

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: April 21, 2024

Client:	Lynn Niewiadomski	Work Order #:	24D018
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	4/18/2024

Dear Client:

Airtech Environmental Laboratories received six (6) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi
Technical Director
Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: April 21, 2024

Client:	Lynn Niewiadomski	Work Order #:	24D018
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	4/18/2024

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
24D018-01	Effluent	8260B AZ Vapor 8015 GRO	4/18/2024	1206
24D018-02	Post-Dilution Influent	8260B AZ Vapor 8015 GRO	4/18/2024	1210
24D018-03	Pre-Dilution Influent	8260B AZ Vapor 8015 GRO	4/18/2024	1214
24D018-04	VE-1	8260B AZ Vapor 8015 GRO	4/18/2024	1218
24D018-05	VE-2B	8260B AZ Vapor 8015 GRO	4/18/2024	1225
24D018-06	MW-2	8260B AZ Vapor 8015 GRO	4/18/2024	1230

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Date: April 21, 2024

Client:	Lynn Niewiadomski	Work Order #:	24D018
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	4/18/2024

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T3: Method not promulgated either by EPA or ADHS.

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/19/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	4/19/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	4/19/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	4/19/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	4/19/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	4/19/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	4/19/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	4/19/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	4/19/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	4/19/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	4/19/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	4/19/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	4/19/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	4/19/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	4/19/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.7	82.6	%REC, 70-130%					
Surr: Toluene-d8	23.5	94.1	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.1	92.4	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3		1	4/19/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	19.9	79.6	REC, 60-140%
Surr: Toluene-d8	24.0	96.0	REC, 60-140%
Surr: 4-Bromofluorobenzene	22.6	90.3	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**10**	**10**	**2.03**	**2.03**	10	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/19/2024	8260B AZ Vapor	
Benzene	**107**	**10**	**33.6**	**3.13**	10	4/19/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	4/19/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	4/19/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	4/19/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	4/19/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	4/19/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	4/19/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/19/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	4/19/2024	8260B AZ Vapor	
Ethylbenzene	**32**	**10**	**7.37**	**2.30**	10	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	4/19/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	4/19/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.5	9.5	10	4/19/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	4/19/2024	8260B AZ Vapor	
Toluene	**309**	**10**	**82.1**	**2.65**	10	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/19/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	4/19/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	4/19/2024	8260B AZ Vapor	
Xylenes, Total	**106**	**30**	**24.5**	**6.91**	10	4/19/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.9	83.6	%REC, 70-130%					
Surr: Toluene-d8	23.9	95.4	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.4	93.4	%REC, 70-130%					

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Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	544	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Butane	2,230	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Methyl butane	1,220	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Pentane	562	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Methyl pentane	599	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4

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Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	6,100	1,000	1,420	233		10	4/19/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.1	80.6	REC, 60-140%
Surr: Toluene-d8	24.4	97.4	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.0	91.9	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**50**	**50**	**10.2**	**10.2**	50	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
Benzene	**623**	**50**	**195**	**15.7**	50	4/19/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	4/19/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	4/19/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	4/19/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	4/19/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	4/19/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	4/19/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/19/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	4/19/2024	8260B AZ Vapor	
Ethylbenzene	**171**	**50**	**39.3**	**11.5**	50	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	4/19/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	4/19/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	4/19/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	4/19/2024	8260B AZ Vapor	
Toluene	**1,640**	**50**	**435**	**13.3**	50	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/19/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	4/19/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	4/19/2024	8260B AZ Vapor	
Xylenes, Total	**583**	**150**	**134**	**34.6**	50	4/19/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.9	87.4	%REC, 70-130%					
Surr: Toluene-d8	24.3	97.2	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.0	96.0	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	2,900	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Butane	11,300	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Methyl butane	6,490	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Pentane	3,550	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Methyl pentane	3,310	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4

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Client:	Encore Consulting	Client Sample ID:	Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	36,900	5,000	8,580	1,160		50	4/19/2024	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.1	84.2	REC, 60-140%					
Surr: Toluene-d8	24.8	99.4	REC, 60-140%					
Surr: 4-Bromofluorobenzene	23.2	92.8	REC, 60-140%					

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**148**	**50**	**30.0**	**10.2**	50	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	**53**	**50**	**10.8**	**10.2**	50	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
Benzene	**1,190**	**50**	**373**	**15.7**	50	4/19/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	4/19/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	4/19/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	4/19/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	4/19/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	4/19/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	4/19/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/19/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	4/19/2024	8260B AZ Vapor	
Ethylbenzene	**444**	**50**	**102**	**11.5**	50	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	4/19/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	4/19/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	4/19/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	4/19/2024	8260B AZ Vapor	
Toluene	**3,660**	**50**	**971**	**13.3**	50	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/19/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	4/19/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	4/19/2024	8260B AZ Vapor	
Xylenes, Total	**1,500**	**150**	**346**	**34.6**	50	4/19/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.2	85.0	%REC, 70-130%					
Surr: Toluene-d8	24.7	98.7	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.8	95.2	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	4,640	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Butane	12,300	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Methyl butane	8,510	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Pentane	4,700	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Methyl pentane	4,190	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

	ug/l		ppmv				
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Date Analyzed**
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	84,800	5,000	19,700	1,160		50	4/19/2024

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.5	81.9	REC, 60-140%
Surr: Toluene-d8	25.3	101	REC, 60-140%
Surr: 4-Bromofluorobenzene	23.1	92.2	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	4/19/2024	8260B AZ Vapor	
Benzene	**644**	**50**	**202**	**15.7**	50	4/19/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	4/19/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	4/19/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	4/19/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	4/19/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	4/19/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	4/19/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/19/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	4/19/2024	8260B AZ Vapor	
Ethylbenzene	**167**	**50**	**38.5**	**11.5**	50	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	4/19/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	4/19/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	4/19/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	4/19/2024	8260B AZ Vapor	
Toluene	**1,690**	**50**	**448**	**13.3**	50	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	4/19/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	4/19/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	4/19/2024	8260B AZ Vapor	
Xylenes, Total	**568**	**150**	**131**	**34.6**	50	4/19/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.3	85.4	%REC, 70-130%					
Surr: Toluene-d8	24.2	96.9	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.7	94.8	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	2,440	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Butane	10,300	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Methyl butane	5,910	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Pentane	3,260	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4
Methyl pentane	3,130	500	ug/l		50	4/19/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	33,600	5,000	7,810	1,160		50	4/19/2024	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.6	82.3	REC, 60-140%
Surr: Toluene-d8	24.8	99.1	REC, 60-140%
Surr: 4-Bromofluorobenzene	22.9	91.6	REC, 60-140%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**18**	**10**	**3.72**	**2.03**	10	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	4/19/2024	8260B AZ Vapor	
Benzene	**60**	**10**	**18.7**	**3.13**	10	4/19/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	4/19/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	4/19/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	4/19/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	4/19/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	4/19/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	4/19/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/19/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	4/19/2024	8260B AZ Vapor	
Ethylbenzene	**36**	**10**	**8.25**	**2.30**	10	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	4/19/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	4/19/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.54	9.54	10	4/19/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	4/19/2024	8260B AZ Vapor	
Toluene	**245**	**10**	**65.1**	**2.65**	10	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	4/19/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	4/19/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	4/19/2024	8260B AZ Vapor	
Xylenes, Total	**132**	**30**	**30.3**	**6.91**	10	4/19/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.4	85.5	%REC, 70-130%					
Surr: Toluene-d8	23.8	95.2	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.3	93.3	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	602	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Butane	2,410	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Methyl butane	1,310	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Pentane	708	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4
Methyl pentane	635	100	ug/l		10	4/19/2024	8260B AZ Vapor	T4

Airtech Environmental Laboratories (AEL) - AZ 0740

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Client:	Encore Consulting	Client Sample ID:	MW-2
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed	
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	6,790	1,000	1,580	233		10	4/19/2024	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.6	82.4	REC, 60-140%					
Surr: Toluene-d8	24.3	97.2	REC, 60-140%					
Surr: 4-Bromofluorobenzene	22.7	91.0	REC, 60-140%					

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010419

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR	**8260B AZ**					Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	4/19/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	4/19/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	4/19/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	4/19/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	4/19/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	4/19/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	4/19/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	4/19/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	4/19/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	4/19/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	4/19/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	4/19/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	4/19/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	4/19/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	4/19/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	4/19/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.7	82.9	%REC, 70-130%					
Surr: Toluene-d8	23.8	95.3	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.7	94.8	%REC, 70-130%					

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	N/A
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	N/A
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 4/19/2024 Batch: MS010419 Analyst: PS

Method: 8260B AZ Vapor Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD	Qualifier LCS	 LCSD	 RPD	LCS/LCSD LIMIT
VOLATILE ORGANICS IN WATER	ug/l	%	ug/l	%	ug/l	%			<30%	%
Dichlorodifluoromethane(F-12)	24.7	98.6	24.2	96.6	25.0	2.0				39.0-130
Chloromethane	24.7	98.9	23.8	95.3	25.0	3.7				70-130
Vinyl Chloride	23.8	95.1	23.3	93.3	25.0	1.9				70-130
Bromomethane	23.6	94.2	23.1	92.6	25.0	1.8				69.2-135
Chloroethane	26.9	108	26.4	106	25.0	2.0				70-130
Trichlorofluoromethane (F-11)	25.0	99.9	24.8	99.3	25.0	0.6				70-130
1,1-Dichloroethene	23.2	92.9	23.3	93.2	25.0	0.3				70-130
Methylene Chloride	26.8	107	26.3	105	25.0	1.9				70-130
trans-1,2-Dichloroethene	23.8	95.1	23.4	93.6	25.0	1.6				70-130
Methyl tert-butyl ether (MTBE)	23.7	94.7	22.4	89.7	25.0	5.5				70-130
1,1-Dichloroethane	24.4	97.4	23.1	92.6	25.0	5.1				70-130
cis-1,2-Dichloroethene	23.7	95.0	23.2	92.8	25.0	2.3				70-130
Chloroform	24.4	97.5	23.9	95.6	25.0	2.0				70-130
1,1,1-Trichloroethane	24.8	99.3	24.5	98.2	25.0	1.1				70-130
Carbon tetrachloride	25.4	102	25.1	100	25.0	1.3				70-130
Benzene	23.4	93.4	23.2	92.8	25.0	0.6				70-130
1,2-Dichloroethane	24.5	98.1	23.8	95.2	25.0	3.0				70-130
Trichloroethene	25.7	103	25.2	101	25.0	1.8				70-130
1,2-Dichloropropane	26.1	105	25.7	103	25.0	1.6				70-130
Bromodichloromethane	26.1	104	25.9	104	25.0	0.7				70-130
cis-1,3-Dichloropropene	25.8	103	25.5	102	25.0	1.2				70-130
Toluene	25.6	102	25.8	103	25.0	0.8				70-130
trans-1,3-Dichloropropene	26.7	107	26.2	105	25.0	1.8				70-130
1,1,2-Trichloroethane	27.5	110	26.8	107	25.0	2.4				70-130
Tetrachloroethene	29.2	117	29.8	119	25.0	2.1				70-130
Dibromochloromethane	29.1	116	28.4	114	25.0	2.3				70-130
1,2-Dibromoethane	29.1	116	27.9	111	25.0	4.1				70-130
Chlorobenzene	25.7	103	25.8	103	25.0	0.3				70-130
Ethylbenzene	26.4	106	26.4	105	25.0	0.2				70-130
Xylene, total	80.0	107	80.0	107	75.0	0.0				70-130
Bromoform	28.2	113	26.7	107	25.0	5.5				70-130
1,1,2,2-Tetrachloroethane	27.9	112	26.0	104	25.0	6.8				70-130
1,3,5-Trimethylbenzene	25.6	102	25.6	102	25.0	0.0				70-130
1,2,4-Trimethylbenzene	24.8	99.1	24.7	98.9	25.0	0.2				70-130
1,3-Dichlorobenzene	26.4	106	26.2	105	25.0	0.9				70-130
1,4-Dichlorobenzene	26.3	105	26.2	105	25.0	0.5				70-130
1,2-Dichlorobenzene	26.8	107	26.4	106	25.0	1.5				70-130
Naphthalene	28.6	114	26.8	107	25.0	6.3				70-130
Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	22.5	90.2	22.0	87.9	70	-130 %				
Surr: Toluene-d8	24.7	98.7	23.5	94.1	70	-130 %				
Surr: 4-Bromofluorobenzene	24.7	98.7	24.3	97.1	70	-130 %				

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS010419

Source Sample: 24D018-02 Analyst: PS

Analyses	8260B AZ	Sample	Dup	DF	RPD,<30%	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR		**ug/l**	**ug/l**	**DF**	RPD,<30%			
1,1,1-Trichloroethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,1,2-Trichloroethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,1-Dichloroethene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,2-Dibromoethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,2-Dichlorobenzene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,2-Dichloroethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,2-Dichloropropane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene		10.0	12.2	10	19.8	4/19/2024	8260B AZ Vapor	
1,3-Dichlorobenzene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
1,4-Dichlorobenzene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Benzene		107	115	10	6.9	4/19/2024	8260B AZ Vapor	
Bromodichloromethane		< 50	< 50	10	0.0	4/19/2024	8260B AZ Vapor	
Bromoform		< 50	< 50	10	0.0	4/19/2024	8260B AZ Vapor	
Bromomethane		< 50	< 50	10	0.0	4/19/2024	8260B AZ Vapor	
Carbon tetrachloride		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Chlorobenzene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Chloroethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Chloroform		< 50	< 50	10	0.0	4/19/2024	8260B AZ Vapor	
Chloromethane		< 50	< 50	10	0.0	4/19/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Dibromochloromethane		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Ethylbenzene		32.0	35.7	10	10.9	4/19/2024	8260B AZ Vapor	
Methyl tert-butyl ether		< 20	< 20	10	0.0	4/19/2024	8260B AZ Vapor	
Methylene chloride		< 50	< 50	10	0.0	4/19/2024	8260B AZ Vapor	
Naphthalene		< 50	< 50	10	0.0	4/19/2024	8260B AZ Vapor	
Tetrachloroethene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Toluene		309	339	10	9.2	4/19/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Trichloroethene		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Vinyl chloride		< 10	< 10	10	0.0	4/19/2024	8260B AZ Vapor	
Xylenes, Total		106	124	10	15.1	4/19/2024	8260B AZ Vapor	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.9	83.6	22.2	88.9	70-130%
Surr: Toluene-d8	23.9	95.4	25.1	100	70-130%
Surr: 4-Bromofluorobenzene	23.4	93.4	24.5	98.0	70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS010419

Analyses	Result	ug/l Limit	Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3	1	4/19/2024	8015 by GC/MS	

Surrogate	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.0	79.9	%REC, 70-130%
Surr: Toluene-d8	24.4	97.5	%REC, 70-130%
Surr: 4-Bromofluorobenzene	23.0	91.8	%REC, 70-130%

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	NA
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 4/19/2024 Batch: MS010419 Analyst: PS

Method: 8015 by GC/MS Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD %	Qualifier LCS	Qualifier LCSD	RPD	Date Analyzed	LCS/LCSD LIMIT
Gasoline Range Organics	**ug/l**	**%**	**ug/l**	**%**	**ug/l**				<30%		%
GRO, C^6 - C^{10}	485	97.0	468	93.6	500	3.6				4/19/2024	60-140
Surrogate	ug/l	%REC.	ug/l	%REC.	ug/l	LIMIT					
Surr: Dibromofluoromethane	20.8	83.4	20.6	82.3	25.0	60 -140 %					
Surr: Toluene-d8	24.4	97.7	24.6	98.4	25.0	60 -140 %					
Surr: 4-Bromofluorobenzene	23.5	94.1	23.6	94.3	25.0	60 -140 %					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

Client:	Encore Consulting	Client Sample ID:	Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24D018	Collection:	4/18/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS010419

Method: 8015 by GC/MS **Source Sample: 24D018-02**

Analyses	Sample	Dup	DF	RPD,<30%	Data Analyzed	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	**RPD,<30%**	Analyst:	PS
GRO, C^6 - C^{10}	6,100	6,740	10	10	4/19/2024	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.1	80.6	21.4	85.7	60-140%
Surr: Toluene-d8	24.4	97.4	25.7	103	60-140%
Surr: 4-Bromofluorobenzene	23.0	91.9	23.9	95.4	60-140%
		% REC		% REC	

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer :	Encore Consulting, LLC	Page 1 of 1	AEL Lab #
Address:	950 W Elliot Road	Sampler: James Ibarra	Phone: 480-341-0524
	Suite 116	Project Name: CM 2705326	Project Number: 2705326
City, State, Zip: Ten		Project location: Chino Valley, AZ	
Contact:	Lynn Niewiadomski	P.O. Number: 2705326 OM	
Phone:	480-258-1778 Fax:	Fax Results: Y (N)	
E-Mail Address:	Lynn@encore-consulting.net	E-Mail Results: (Y) N cc: James & Shanda	24D018

Sample Receipt	Turn Around Request	Sample Type
Temperature_____ °C	____ 24 Hours ____ 48 Hours	SVE: soil vapor extraction GW: ground water
Custody Seals: Yes____ No____	____ 72 Hours	A: ambient air WW: waste water
Custody Seals Intact: Yes____ No____	____ 5 working Day	I: indoor air
Total # of Containers:_____	X Standard 10 Working Days	S: soil vapor
		W: water

Sample Information

AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	TICs		DFA tracer cmpd as TIC
01			6 1 (bag)	1 2 5	Effluent	4/18/24	1206	SVE	1				X		X				
02			6 1 (bag)	1 2 5	Post-Dilution influent		1210		1				X		X		X		
03			6 1 (bag)	1 2 5	Pre-Dilution influent		1214		1				X		X		X		
04			6 1 (bag)	1 2 5	VE-1		1218		1				X		X		X		
05			6 1 (bag)	1 2 5	VE-2B		1225		1				X		X		X		
06			6 1 (bag)	1 2 5	MW-2		1230		1				X		X		X		
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
4/18/24	1536		James Tom - Airtech

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Date: May 11, 2024

Client:	Lynn Niewiadomski	Work Order #:	24E012
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	5/8/2024

Dear Client:

Airtech Environmental Laboratories received nine (9) samples for analysis.

All analyses met laboratory QA/QC with any exceptions addressed in the Case Narrative.

If you have any questions or concerns regarding your samples analysis, please contact the laboratory at 480-968-5888

Sincerely,

Yu Min Shi

Airtech Environmental Labs

Arizona ADHS License No. AZ0740

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Date: May 11, 2024

Client:	Lynn Niewiadomski	Work Order #:	24E012
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	5/8/2024

SAMPLE SUMMARY

LAB ID	CLIENT ID	METHOD	SAMPLE DATE	SAMPLE TIME
24E012-01	Vac 50 Effluent	8260B AZ Vapor 8015 GRO	5/8/2024	0823
24E012-02	Vac 25 Effluent	8260B AZ Vapor 8015 GRO	5/8/2024	0828
24E012-03	Vac 50 Post-Dilution Influent	8260B AZ Vapor 8015 GRO	5/8/2024	0832
24E012-04	Vac 25 Post-Dilution Influent	8260B AZ Vapor 8015 GRO	5/8/2024	0835
24E012-05	Vac 50 Pre-Dilution Influent	8260B AZ Vapor 8015 GRO	5/8/2024	0841
24E012-06	Vac 25 Pre-Dilution Influent	8260B AZ Vapor 8015 GRO	5/8/2024	0846
24E012-07	Unified Pre-Dilution Influent	8260B AZ Vapor 8015 GRO	5/8/2024	0852
24E012-08	VE-1	8260B AZ Vapor 8015 GRO	5/8/2024	0901
24E012-09	VE-2B	8260B AZ Vapor 8015 GRO	5/8/2024	0907

Airtech Environmental Laboratories (AEL)

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Date: May 11, 2024

Client:	Lynn Niewiadomski	Work Order #:	24E012
Company:	Encore Consulting	Project Name:	2705326
Address:	950 W Elliot Rd Suite 116	Project Number:	2705326
	Tempe AZ 85284	Received Date:	5/8/2024

Case Narrative

All samples and QC associated with your samples met the quality control objectives. Data qualifiers in this report are in accordance with ADEQ Data Qualifiers.

T3: Method not promulgated either by EPA or ADHS.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	5/9/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	5/9/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	5/9/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	5/9/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	5/9/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	5/9/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	5/9/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	19.5	77.8	%REC, 70-130%					
Surr: Toluene-d8	23.3	93.2	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.2	92.7	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**

Tentatively Identified Compounds (TIC's)

No reportable TICs detected.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	01	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3		1	5/9/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	18.8	75.0	REC, 60-140%				
Surr: Toluene-d8	23.7	94.9	REC, 60-140%				
Surr: 4-Bromofluorobenzene	22.7	90.6	REC, 60-140%				

***** 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	5/9/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	5/9/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	5/9/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	5/9/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	5/9/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	5/9/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	5/9/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.1	80.2	%REC, 70-130%					
Surr: Toluene-d8	23.7	94.6	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.6	94.2	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**

Tentatively Identified Compounds (TIC's)

No reportable TICs detected.

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Effluent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	02	Matrix:	Soil Vapor Extraction

	ug/l		ppmv				
Analyses	**Result**	**Limit**	**Result**	**Limit**	**Qual**	**DF**	**Date Analyzed**
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3		1	5/9/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	19.3	77.3	REC, 60-140%				
Surr: Toluene-d8	24.2	96.6	REC, 60-140%				
Surr: 4-Bromofluorobenzene	23.1	92.3	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	5/8/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	5/8/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	5/8/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	5/8/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	5/8/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	5/8/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	5/8/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**21**	**10**	**4.23**	**2.03**	10	5/8/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	5/8/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	5/8/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	5/8/2024	8260B AZ Vapor	
Benzene	**122**	**10**	**38.3**	**3.13**	10	5/8/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	5/8/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	5/8/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	5/8/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	5/8/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	5/8/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	5/8/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	5/8/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	5/8/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	5/8/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	5/8/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	5/8/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	5/8/2024	8260B AZ Vapor	
Ethylbenzene	**42**	**10**	**9.70**	**2.30**	10	5/8/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	5/8/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	5/8/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.54	9.54	10	5/8/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	5/8/2024	8260B AZ Vapor	
Toluene	**382**	**10**	**101**	**2.65**	10	5/8/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	5/8/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	5/8/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	5/8/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	5/8/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	5/8/2024	8260B AZ Vapor	
Xylenes, Total	**154**	**30**	**35.4**	**6.9**	10	5/8/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	22.0	88.1	%REC, 70-130%					
Surr: Toluene-d8	25.3	101	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	25.4	102	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	448	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Butane	2,240	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Methyl butane	1,250	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Pentane	666	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Methyl pentane	589	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	03	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	6,530	1,000	1,520	233		10	5/8/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	21.2	84.9	REC, 60-140%				
Surr: Toluene-d8	26.0	104	REC, 60-140%				
Surr: 4-Bromofluorobenzene	24.8	99.3	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 10	10	< 1.83	1.83	10	5/8/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	10	< 1.46	1.46	10	5/8/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	10	< 1.83	1.83	10	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	10	< 2.47	2.47	10	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	10	< 2.52	2.52	10	5/8/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	10	< 1.30	1.30	10	5/8/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	10	< 1.66	1.66	10	5/8/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	10	< 2.47	2.47	10	5/8/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	10	< 2.16	2.16	10	5/8/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**20**	**10**	**4.09**	**2.03**	10	5/8/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	10	< 1.66	1.66	10	5/8/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	10	< 2.03	2.03	10	5/8/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	10	< 1.66	1.66	10	5/8/2024	8260B AZ Vapor	
Benzene	**132**	**10**	**41.4**	**3.13**	10	5/8/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	50	< 7.46	7.46	10	5/8/2024	8260B AZ Vapor	
Bromoform	< 50	50	< 4.84	4.84	10	5/8/2024	8260B AZ Vapor	
Bromomethane	< 50	50	< 12.9	12.9	10	5/8/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	10	< 1.59	1.59	10	5/8/2024	8260B AZ Vapor	
Chlorobenzene	< 10	10	< 2.17	2.17	10	5/8/2024	8260B AZ Vapor	
Chloroethane	< 10	10	< 3.79	3.79	10	5/8/2024	8260B AZ Vapor	
Chloroform	< 50	50	< 10.2	10.2	10	5/8/2024	8260B AZ Vapor	
Chloromethane	< 50	50	< 24.2	24.2	10	5/8/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	5/8/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	5/8/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	10	< 1.17	1.17	10	5/8/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	10	< 2.02	2.02	10	5/8/2024	8260B AZ Vapor	
Ethylbenzene	**42**	**10**	**9.70**	**2.30**	10	5/8/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	20	< 5.54	5.54	10	5/8/2024	8260B AZ Vapor	
Methylene chloride	< 50	50	< 14.4	14.4	10	5/8/2024	8260B AZ Vapor	
Naphthalene	< 50	50	< 9.54	9.54	10	5/8/2024	8260B AZ Vapor	
Tetrachloroethene	< 20	20	< 2.95	2.95	10	5/8/2024	8260B AZ Vapor	
Toluene	**403**	**10**	**107**	**2.65**	10	5/8/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	10	< 2.53	2.53	10	5/8/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	10	< 2.20	2.20	10	5/8/2024	8260B AZ Vapor	
Trichloroethene	< 10	10	< 1.86	1.86	10	5/8/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	10	< 1.78	1.78	10	5/8/2024	8260B AZ Vapor	
Vinyl chloride	< 10	10	< 3.91	3.91	10	5/8/2024	8260B AZ Vapor	
Xylenes, Total	**149**	**30**	**34.3**	**6.9**	10	5/8/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.8	87.4	%REC, 70-130%					
Surr: Toluene-d8	24.7	98.9	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.7	98.6	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	477	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Butane	2,450	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Methyl butane	1,370	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Pentane	705	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4
Methyl pentane	626	100	ug/l		10	5/8/2024	8260B AZ Vapor	T4

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	04	Matrix:	Soil Vapor Extraction

Analyses	Result	ug/l Limit	Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	7,360	1,000	1,710	233		10	5/8/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	21.0	84.2	REC, 60-140%				
Surr: Toluene-d8	25.4	102	REC, 60-140%				
Surr: 4-Bromofluorobenzene	24.1	96.4	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
Benzene	**750**	**50**	**235**	**15.7**	50	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	5/9/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	5/9/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	5/9/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	5/9/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	5/9/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	5/9/2024	8260B AZ Vapor	
Ethylbenzene	**206**	**50**	**47.5**	**11.5**	50	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	5/9/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	5/9/2024	8260B AZ Vapor	
Toluene	**2,200**	**50**	**584**	**13.3**	50	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	5/9/2024	8260B AZ Vapor	
Xylenes, Total	**676**	**150**	**156**	**34.6**	50	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.6	86.3	%REC, 70-130%					
Surr: Toluene-d8	24.3	97.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.5	97.9	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	2,520	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Butane	12,000	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl butane	7,170	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Pentane	3,730	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl pentane	3,350	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 50 Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	05	Matrix:	Soil Vapor Extraction

Analyses	Result (ug/l)	Limit (ug/l)	Result (ppmv)	Limit (ppmv)	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	40,800	5,000	9,490	1,160		50	5/9/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	20.8	83.2	REC, 60-140%				
Surr: Toluene-d8	24.9	99.8	REC, 60-140%				
Surr: 4-Bromofluorobenzene	24.0	95.8	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**57**	**50**	**11.5**	**10.2**	50	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
Benzene	**754**	**50**	**236**	**15.7**	50	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	5/9/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	5/9/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	5/9/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	5/9/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	5/9/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	5/9/2024	8260B AZ Vapor	
Ethylbenzene	**215**	**50**	**49.4**	**11.5**	50	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	5/9/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	5/9/2024	8260B AZ Vapor	
Toluene	**2,250**	**50**	**597**	**13.3**	50	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	5/9/2024	8260B AZ Vapor	
Xylenes, Total	**716**	**150**	**165**	**34.6**	50	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.1	80.5	%REC, 70-130%					
Surr: Toluene-d8	23.9	95.6	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.4	93.6	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	2,520	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Butane	11,600	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl butane	6,860	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Pentane	3,700	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl pentane	3,280	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	06	Matrix:	Soil Vapor Extraction

Analyses	Result (ug/l)	Limit (ug/l)	Result (ppmv)	Limit (ppmv)	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	41,400	5,000	9,630	1,160		50	5/9/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	19.4	77.6	REC, 60-140%				
Surr: Toluene-d8	24.4	97.7	REC, 60-140%				
Surr: 4-Bromofluorobenzene	23.2	92.8	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Unified Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	07	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
Benzene	**734**	**50**	**230**	**15.7**	50	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	5/9/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	5/9/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	5/9/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	5/9/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	5/9/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	5/9/2024	8260B AZ Vapor	
Ethylbenzene	**200**	**50**	**46.0**	**11.5**	50	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	5/9/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	5/9/2024	8260B AZ Vapor	
Toluene	**2,100**	**50**	**557**	**13.3**	50	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	5/9/2024	8260B AZ Vapor	
Xylenes, Total	**665**	**150**	**153**	**34.6**	50	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.0	83.8	%REC, 70-130%					
Surr: Toluene-d8	23.2	92.9	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	22.7	90.6	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Unified Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	07	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	2,500	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Butane	11,900	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl butane	7,100	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Pentane	3,770	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl pentane	3,360	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4

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Client:	Encore Consulting	Client Sample ID:	Unified Pre-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	07	Matrix:	Soil Vapor Extraction

Analyses	Result (ug/l)	Limit (ug/l)	Result (ppmv)	Limit (ppmv)	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	39,300	5,000	9,140	1,160		50	5/9/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	20.2	80.8	REC, 60-140%				
Surr: Toluene-d8	23.7	94.7	REC, 60-140%				
Surr: 4-Bromofluorobenzene	22.3	89.2	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	08	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	**119**	**50**	**24.1**	**10.2**	50	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
Benzene	**1,040**	**50**	**326**	**15.7**	50	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	5/9/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	5/9/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	5/9/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	5/9/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	5/9/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	5/9/2024	8260B AZ Vapor	
Ethylbenzene	**352**	**50**	**81.0**	**11.5**	50	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	5/9/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	5/9/2024	8260B AZ Vapor	
Toluene	**3,360**	**50**	**891**	**13.3**	50	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	5/9/2024	8260B AZ Vapor	
Xylenes, Total	**1,170**	**150**	**270**	**34.6**	50	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.5	82.0	%REC, 70-130%					
Surr: Toluene-d8	24.3	97.4	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.2	92.6	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	08	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Tentatively Identified Compounds (TIC's)								
Isobutane	4,660	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Butane	15,200	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl butane	9,900	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Pentane	5,210	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl pentane	4,060	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4

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Client:	Encore Consulting	Client Sample ID:	VE-1
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	08	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	65,000	5,000	15,100	1,160		50	5/9/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	19.8	79.0	REC, 60-140%				
Surr: Toluene-d8	24.9	99.7	REC, 60-140%				
Surr: 4-Bromofluorobenzene	22.8	91.0	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	09	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR						Analyst:	PS	
1,1,1-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	50	< 7.28	7.28	50	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	50	< 9.16	9.16	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	50	< 6.51	6.51	50	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	50	< 12.3	12.3	50	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	50	< 10.8	10.8	50	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	50	< 10.2	10.2	50	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	50	< 8.32	8.32	50	5/9/2024	8260B AZ Vapor	
Benzene	**720**	**50**	**226**	**15.7**	50	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	250	< 37.3	37.3	50	5/9/2024	8260B AZ Vapor	
Bromoform	< 250	250	< 24.2	24.2	50	5/9/2024	8260B AZ Vapor	
Bromomethane	< 250	250	< 64.4	64.4	50	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	50	< 7.95	7.95	50	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 50	50	< 10.9	10.9	50	5/9/2024	8260B AZ Vapor	
Chloroethane	< 50	50	< 18.9	18.9	50	5/9/2024	8260B AZ Vapor	
Chloroform	< 250	250	< 51.2	51.2	50	5/9/2024	8260B AZ Vapor	
Chloromethane	< 250	250	< 121	121	50	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	50	< 5.87	5.87	50	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	50	< 10.1	10.1	50	5/9/2024	8260B AZ Vapor	
Ethylbenzene	**189**	**50**	**43.4**	**11.5**	50	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	100	< 27.7	27.7	50	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 250	250	< 72.0	72.0	50	5/9/2024	8260B AZ Vapor	
Naphthalene	< 250	250	< 47.7	47.7	50	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 100	100	< 14.7	14.7	50	5/9/2024	8260B AZ Vapor	
Toluene	**2,100**	**50**	**557**	**13.3**	50	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	50	< 12.6	12.6	50	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	50	< 11.0	11.0	50	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 50	50	< 9.31	9.31	50	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	50	< 8.90	8.90	50	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 50	50	< 19.5	19.5	50	5/9/2024	8260B AZ Vapor	
Xylenes, Total	**634**	**150**	**146**	**34.6**	50	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.3	85.0	%REC, 70-130%					
Surr: Toluene-d8	25.2	101	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	24.4	97.6	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	09	Matrix:	Soil Vapor Extraction

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
Tentatively Identified Compounds (TIC's)								
Isobutane	1,780	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Butane	9,700	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl butane	5,930	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Pentane	3,250	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4
Methyl pentane	3,080	500	ug/l		50	5/9/2024	8260B AZ Vapor	T4

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	09	Matrix:	Soil Vapor Extraction

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	Qual	DF	Date Analyzed
Gasoline Range Organics		**8015 by GC/MS**					Analyst: PS
GRO, C^6 - C^{10}	38,200	5,000	8,880	1,160		50	5/9/2024
Surrogate	ug/l	%REC.	LIMIT				
Surr: Dibromofluoromethane	20.5	81.9	REC, 60-140%				
Surr: Toluene-d8	25.8	103	REC, 60-140%				
Surr: 4-Bromofluorobenzene	23.9	95.8	REC, 60-140%				

* 105 is used as estimated molecular weight of gasoline based on EPA website .

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS020508

Analyses	ug/l Result	ug/l Limit	ppmv Result	ppmv Limit	DF	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR	**8260B AZ**					Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/8/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	5/8/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/8/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	5/8/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/8/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/8/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	5/8/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/8/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/8/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/8/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/8/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	5/8/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	5/8/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	5/8/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	5/8/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	5/8/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	5/8/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	5/8/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	5/8/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	5/8/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/8/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/8/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	5/8/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	5/8/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	5/8/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	5/8/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	5/8/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	5/8/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	5/8/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	5/8/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/8/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/8/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	5/8/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	5/8/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	5/8/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	5/8/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.0	80.1	%REC, 70-130%					
Surr: Toluene-d8	23.7	95.0	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.7	94.9	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	N/A
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	N/A
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 5/8/2024 Batch: MS020508 Analyst: PS

Method: 8260B AZ Vapor Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD	Qualifier LCS	Qualifier LCSD	Qualifier RPD	LCS/LCSD LIMIT
VOLATILE ORGANICS IN WATER	ug/l	%	ug/l	%	ug/l	%			<30%	%
Dichlorodifluoromethane(F-12)	21.9	87.4	22.0	88.2	25.0	0.8				31.5-131.4
Chloromethane	23.5	94.0	24.0	95.9	25.0	2.0				62.1-130
Vinyl Chloride	24.3	97.0	24.4	97.8	25.0	0.7				70-130
Bromomethane	23.8	95.3	24.8	99.4	25.0	4.2				38.1-204.3
Chloroethane	27.5	110	28.0	112	25.0	1.6				64.4-130.9
Trichlorofluoromethane (F-11)	26.0	104	26.2	105	25.0	1.0				70-130
1,1-Dichloroethene	24.6	98.6	25.0	100	25.0	1.5				70-130
Methylene Chloride	25.6	102	26.0	104	25.0	1.6				70-130
trans-1,2-Dichloroethene	22.8	91.2	23.2	92.8	25.0	1.7				70-130
Methyl tert-butyl ether (MTBE)	21.0	84.0	20.8	83.0	25.0	1.2				67.3-130
1,1-Dichloroethane	23.2	92.8	23.7	94.9	25.0	2.3				70-130
cis-1,2-Dichloroethene	22.7	90.8	23.2	92.7	25.0	2.1				70-130
Chloroform	23.3	93.3	24.0	96.0	25.0	2.8				70-130
1,1,1-Trichloroethane	24.2	96.6	24.4	97.4	25.0	0.8				70-130
Carbon tetrachloride	24.5	98	24.7	98.9	25.0	1.0				70-130
Benzene	22.6	90.3	22.9	91.7	25.0	1.5				70-130
1,2-Dichloroethane	23.2	92.9	23.6	94.2	25.0	1.4				70-130
Trichloroethene	25.3	101	25.5	102	25.0	0.5				70-130
1,2-Dichloropropane	25.4	102	25.7	103	25.0	0.9				70-130
Bromodichloromethane	25.6	102	25.9	103	25.0	1.0				70-130
cis-1,3-Dichloropropene	25.4	101	25.7	103	25.0	1.2				70-130
Toluene	25.0	99.9	25.1	100	25.0	0.4				70-130
trans-1,3-Dichloropropene	26.2	105	26.1	104	25.0	0.2				70-130
1,1,2-Trichloroethane	26.2	105	26.1	105	25.0	0.4				70-130
Tetrachloroethene	27.0	108	27.3	109	25.0	1.1				70-130
Dibromochloromethane	28.2	113	28.2	113	25.0	0.1				70-130
1,2-Dibromoethane	28.1	112	27.9	112	25.0	0.8				70-130
Chlorobenzene	25.5	102	25.4	102	25.0	0.4				70-130
Ethylbenzene	26.4	105	26.2	105	25.0	0.4				70-130
Xylene, total	78.5	105	78.8	105	75.0	0.3				70-130
Bromoform	27.2	109	26.6	106	25.0	2.1				70-130
1,1,2,2-Tetrachloroethane	26.6	106	25.7	103	25.0	3.6				70-130
1,3,5-Trimethylbenzene	26.0	104	25.7	103	25.0	1.1				70-130
1,2,4-Trimethylbenzene	25.0	100	24.8	99.4	25.0	0.8				70-130
1,3-Dichlorobenzene	26.4	106	26.2	105	25.0	0.8				70-130
1,4-Dichlorobenzene	26.2	105	26.2	105	25.0	0.3				70-130
1,2-Dichlorobenzene	26.4	106	26.3	105	25.0	0.2				70-130
Naphthalene	27.6	110	27.3	109	25.0	1.1				60.4-130
Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	21.4	85.5	21.3	85.3	70 -130	%				
Surr: Toluene-d8	24.2	96.8	23.5	94.0	70 -130	%				
Surr: 4-Bromofluorobenzene	23.8	95.2	23.0	91.9	70 -130	%				

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS020508

Source Sample: 24E012-04 Analyst: PS

Analyses 8260B AZ	Sample	Dup	DF	RPD,<30%	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**				
1,1,1-Trichloroethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	20.1	20.6	10	2.5	5/8/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Benzene	132	143	10	7.7	5/8/2024	8260B AZ Vapor	
Bromodichloromethane	< 50	< 50	10	0.0	5/8/2024	8260B AZ Vapor	
Bromoform	< 50	< 50	10	0.0	5/8/2024	8260B AZ Vapor	
Bromomethane	< 50	< 50	10	0.0	5/8/2024	8260B AZ Vapor	
Carbon tetrachloride	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Chlorobenzene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Chloroethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Chloroform	< 50	< 50	10	0.0	5/8/2024	8260B AZ Vapor	
Chloromethane	< 50	< 50	10	0.0	5/8/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Dibromochloromethane	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Ethylbenzene	42.0	43.9	10	4.4	5/8/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 20	< 20	10	0.0	5/8/2024	8260B AZ Vapor	
Methylene chloride	< 50	< 50	10	0.0	5/8/2024	8260B AZ Vapor	
Naphthalene	< 50	< 50	10	0.0	5/8/2024	8260B AZ Vapor	
Tetrachloroethene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Toluene	403	429	10	6.3	5/8/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Trichloroethene	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Vinyl chloride	< 10	< 10	10	0.0	5/8/2024	8260B AZ Vapor	
Xylenes, Total	149	156	10	4.7	5/8/2024	8260B AZ Vapor	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.8	87.4	21.5	88.1	70-130%
Surr: Toluene-d8	24.7	98.9	24.5	88.4	70-130%
Surr: 4-Bromofluorobenzene	24.7	98.6	24.1	90.4	70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS020508

Analyses	Result	ug/l Limit	Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3	1	5/8/2024	8015 by GC/MS	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	19.3	77.2	%REC, 70-130%					
Surr: Toluene-d8	24.2	96.8	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.4	93.4	%REC, 70-130%					

* 105 is used as estimated molecular weight of gasoline based on EPA website .

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	NA
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 5/8/2024 Batch: MS020508 Analyst: PS

Method: 8015 by GC/MS Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD %	Qualifier LCS	Qualifier LCSD	RPD	Date Analyzed	LCS/LCSD LIMIT
Gasoline Range Organics	**ug/l**	**%**	**ug/l**	**%**	**ug/l**				<30%		%
GRO, C^6 - C^{10}	476	95.2	459	91.7	500	3.7				5/8/2024	60-140
Surrogate	ug/l	%REC.	ug/l	%REC.	ug/l	LIMIT					
Surr: Dibromofluoromethane	19.1	76.5	20.1	80.3	25.0	60 -140 %					
Surr: Toluene-d8	23.6	94.4	24.5	97.9	25.0	60 -140 %					
Surr: 4-Bromofluorobenzene	22.9	91.6	23.4	93.7	25.0	60 -140 %					

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	Vac 25 Post-Dilution Influent
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS020508

Method: 8015 by GC/MS **Source Sample: 24E012-04**

Analyses	Sample	Dup			Data Analyzed	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	**RPD,<30%**	Analyst:	PS
GRO, C^6 - C^{10}	7,360	7,750	10	5.2	5/8/2024	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.0	84.2	20.7	82.8	60-140%
Surr: Toluene-d8	25.4	102	25.1	100	60-140%
Surr: 4-Bromofluorobenzene	24.1	96.4	23.6	94.2	60-140%
		% REC		% REC	

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS020509

	ug/l		ppmv			Date		
Analyses	**Result**	**Limit**	**Result**	**Limit**	**DF**	**Analyzed**	**Method**	**Qual**
VOLATILE ORGANICS IN AIR	**8260B AZ**					Analyst:	PS	
1,1,1-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.15	0.15	1	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 1.0	1.0	< 0.13	0.13	1	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 1.0	1.0	< 0.17	0.17	1	5/9/2024	8260B AZ Vapor	
Benzene	< 1.0	1.0	< 0.31	0.31	1	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 5.0	5.0	< 0.75	0.75	1	5/9/2024	8260B AZ Vapor	
Bromoform	< 5.0	5.0	< 0.48	0.48	1	5/9/2024	8260B AZ Vapor	
Bromomethane	< 5.0	5.0	< 1.29	1.29	1	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 1.0	1.0	< 0.16	0.16	1	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Chloroethane	< 1.0	1.0	< 0.38	0.38	1	5/9/2024	8260B AZ Vapor	
Chloroform	< 5.0	5.0	< 1.02	1.02	1	5/9/2024	8260B AZ Vapor	
Chloromethane	< 5.0	5.0	< 2.42	2.42	1	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 1.0	1.0	< 0.12	0.12	1	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 1.0	1.0	< 0.20	0.20	1	5/9/2024	8260B AZ Vapor	
Ethylbenzene	< 1.0	1.0	< 0.23	0.23	1	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 2.0	2.0	< 0.55	0.55	1	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 5.0	5.0	< 1.44	1.44	1	5/9/2024	8260B AZ Vapor	
Naphthalene	< 5.0	5.0	< 0.95	0.95	1	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 2.0	2.0	< 0.29	0.29	1	5/9/2024	8260B AZ Vapor	
Toluene	< 1.0	1.0	< 0.27	0.27	1	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.25	0.25	1	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.22	0.22	1	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 1.0	1.0	< 0.19	0.19	1	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 1.0	1.0	< 0.18	0.18	1	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 1.0	1.0	< 0.39	0.39	1	5/9/2024	8260B AZ Vapor	
Xylenes, Total	< 3.0	3.0	< 0.69	0.69	1	5/9/2024	8260B AZ Vapor	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	20.0	80.2	%REC, 70-130%					
Surr: Toluene-d8	23.4	93.7	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	23.3	93.1	%REC, 70-130%					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	N/A
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	N/A
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 5/9/2024 Batch: MS020509 Analyst: PS

Method: 8260B AZ Vapor	LCS	LCS	LCSD	LCSD	Spiked		Qualifier			LCS/LCSD
Analyses	**Result**	**REC**	**Result**	**REC**	**Level**	**RPD**	**LCS**	**LCSD**	**RPD**	**LIMIT**
VOLATILE ORGANICS IN WATER	**ug/l**	**%**	**ug/l**	**%**	**ug/l**	**%**			<30%	%
Dichlorodifluoromethane(F-12)	21.8	87.0	21.5	86.0	25.0	1.2				31.5-131.4
Chloromethane	23.9	95.6	23.5	94.0	25.0	1.8				62.1-130
Vinyl Chloride	24.1	96.3	24.0	96.0	25.0	0.3				70-130
Bromomethane	24.3	97.1	23.8	95.2	25.0	2.0				38.1-204.3
Chloroethane	27.3	109	27.1	108	25.0	0.6				64.4-130.9
Trichlorofluoromethane (F-11)	26.2	105	26.6	107	25.0	1.7				70-130
1,1-Dichloroethene	25.1	100	24.6	98.5	25.0	1.8				70-130
Methylene Chloride	25.7	103	25.6	102	25.0	0.5				70-130
trans-1,2-Dichloroethene	23.2	92.8	22.8	91.2	25.0	1.7				70-130
Methyl tert-butyl ether (MTBE)	21.7	86.8	21.4	85.5	25.0	1.5				67.3-130
1,1-Dichloroethane	23.3	93.2	23.1	92.3	25.0	1.0				70-130
cis-1,2-Dichloroethene	23.1	92.2	22.8	91.0	25.0	1.4				70-130
Chloroform	24.0	95.8	23.6	94.3	25.0	1.6				70-130
1,1,1-Trichloroethane	24.8	99.2	24.3	97.3	25.0	1.9				70-130
Carbon tetrachloride	25.3	101	24.8	99.0	25.0	2.0				70-130
Benzene	22.8	91.3	22.5	90.0	25.0	1.5				70-130
1,2-Dichloroethane	24.4	97.4	24.2	96.7	25.0	0.8				70-130
Trichloroethene	26.0	104	25.6	102	25.0	1.4				70-130
1,2-Dichloropropane	26.1	104	25.4	101	25.0	2.7				70-130
Bromodichloromethane	26.5	106	25.6	102	25.0	3.2				70-130
cis-1,3-Dichloropropene	25.9	103	25.5	102	25.0	1.5				70-130
Toluene	25.4	101	24.9	100	25.0	2.0				70-130
trans-1,3-Dichloropropene	26.7	107	26.3	105	25.0	1.8				70-130
1,1,2-Trichloroethane	27.0	108	26.6	106	25.0	1.4				70-130
Tetrachloroethene	27.6	110	28.6	114	25.0	3.5				70-130
Dibromochloromethane	28.6	114	28.1	112	25.0	1.7				70-130
1,2-Dibromoethane	28.7	115	28.7	115	25.0	0.2				70-130
Chlorobenzene	25.7	103	25.2	101	25.0	2.2				70-130
Ethylbenzene	26.4	105	25.8	103	25.0	2.1				70-130
Xylene, total	78.7	105	76.8	102	75.0	2.5				70-130
Bromoform	27.0	108	26.6	106	25.0	1.6				70-130
1,1,2,2-Tetrachloroethane	26.5	106	26.9	108	25.0	1.6				70-130
1,3,5-Trimethylbenzene	25.9	104	25.9	104	25.0	0.1				70-130
1,2,4-Trimethylbenzene	25.3	101	24.9	99.4	25.0	1.7				70-130
1,3-Dichlorobenzene	26.6	106	26.4	106	25.0	0.9				70-130
1,4-Dichlorobenzene	26.3	105	26.2	105	25.0	0.5				70-130
1,2-Dichlorobenzene	26.7	107	26.5	106	25.0	0.8				70-130
Naphthalene	27.3	109	27.5	110	25.0	0.9				60.4-130
Surrogate		%REC.	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	22.2	88.9	22.5	89.8	70 -130	%				
Surr: Toluene-d8	25.2	101	24.9	99.7	70 -130	%				
Surr: 4-Bromofluorobenzene	24.8	99.1	24.8	99.3	70 -130	%				

Airtech Environmental Laboratories (AEL) - AZ 0740

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An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS020509

Source Sample: 24E012-09 Analyst: PS

Analyses 8260B AZ	Sample	Dup	DF	RPD,<30%	Date Analyzed	Method	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	RPD,<30%			
1,1,1-Trichloroethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,1,2,2-Tetrachloroethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,1,2-Trichloroethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,1-Dichloroethene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,2-Dibromoethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,2-Dichlorobenzene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,2-Dichloroethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,2-Dichloropropane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,2,4-Trimethylbenzene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,3-Dichlorobenzene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,3,5-Trimethylbenzene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
1,4-Dichlorobenzene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Benzene	720	622	50	14.7	5/9/2024	8260B AZ Vapor	
Bromodichloromethane	< 250	< 250	50	0.0	5/9/2024	8260B AZ Vapor	
Bromoform	< 250	< 250	50	0.0	5/9/2024	8260B AZ Vapor	
Bromomethane	< 250	< 250	50	0.0	5/9/2024	8260B AZ Vapor	
Carbon tetrachloride	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Chlorobenzene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Chloroethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Chloroform	< 250	< 250	50	0.0	5/9/2024	8260B AZ Vapor	
Chloromethane	< 250	< 250	50	0.0	5/9/2024	8260B AZ Vapor	
cis-1,2-Dichloroethene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
cis-1,3-Dichloropropene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Dibromochloromethane	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Dichlorodifluoromethane(F-12)	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Ethylbenzene	189	153	50	20.8	5/9/2024	8260B AZ Vapor	
Methyl tert-butyl ether	< 100	< 100	50	0.0	5/9/2024	8260B AZ Vapor	
Methylene chloride	< 250	< 250	50	0.0	5/9/2024	8260B AZ Vapor	
Naphthalene	< 250	< 250	50	0.0	5/9/2024	8260B AZ Vapor	
Tetrachloroethene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Toluene	2,100	1,750	50	18.2	5/9/2024	8260B AZ Vapor	
trans-1,2-Dichloroethene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
trans-1,3-Dichloropropene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Trichloroethene	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Trichlorofluoromethane(F-11)	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Vinyl chloride	< 50	< 50	50	0.0	5/9/2024	8260B AZ Vapor	
Xylenes, Total	634	503	50	23.0	5/9/2024	8260B AZ Vapor	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	21.3	85.0	21.0	83.9	70-130%
Surr: Toluene-d8	25.2	101	25.0	100	70-130%
Surr: 4-Bromofluorobenzene	24.4	97.6	24.4	97.4	70-130%

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	NA
Lab ID:	Blank		

Method QC Data

Batch: MS020509

Analyses	Result	ug/l Limit	Result	ppmv Limit	DF	Date Analyzed	Method	Qual
Gasoline Range Organics		**8015 by GC/MS**					Analyst:	PS
GRO, C^6 - C^{10}	< 100	100	< 23.3	23.3	1	5/9/2024	8015 by GC/MS	
Surrogate	ug/l	%REC.	LIMIT					
Surr: Dibromofluoromethane	19.3	77.2	%REC, 70-130%					
Surr: Toluene-d8	24.0	95.9	%REC, 70-130%					
Surr: 4-Bromofluorobenzene	22.8	91.4	%REC, 70-130%					

* 105 is used as estimated molecular weight of gasoline based on EPA website .

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	NA
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	NA
Lab ID:	LCS/LCSD		

Method QC Data

Date Analyzed: 5/9/2024 Batch: MS020509 Analyst: PS

Method: 8015 by GC/MS Analyses	LCS Result	LCS REC	LCSD Result	LCSD REC	Spiked Level	RPD %	Qualifier LCS	Qualifier LCSD	Qualifier RPD	Date Analyzed	LCS/LCSD LIMIT
Gasoline Range Organics	**ug/l**	**%**	**ug/l**	**%**	**ug/l**				<30%		%
GRO, C^6 - C^{10}	470	94.1	457	91.4	500	2.9				5/9/2024	60-140
Surrogate	ug/l	%REC.	ug/l	%REC.	ug/l	LIMIT					
Surr: Dibromofluoromethane	20.2	80.9	19.8	79.3	25.0	60 -140 %					
Surr: Toluene-d8	24.6	98.2	24.1	96.4	25.0	60 -140 %					
Surr: 4-Bromofluorobenzene	24.2	96.8	23.1	92.5	25.0	60 -140 %					

Airtech Environmental Laboratories (AEL) - AZ 0740

4620 E.Elwood St., Suite 13, Phoenix, AZ 85040 480-968-5888 Fax 480-966-1888

An Alliance Technical Group Company

Client:	Encore Consulting	Client Sample ID:	VE-2B
Project:	2705326	Project Number:	2705326
Lab Order:	24E012	Collection:	5/8/2024
Lab ID:	Sample Dup	Matrix:	Soil Vapor Extraction

Method QC Data

Batch: MS020509

Method: 8015 by GC/MS **Source Sample: 24E012-09**

Analyses	Sample	Dup	DF	RPD,<30%	Data Analyzed	Qual
VOLATILE ORGANICS IN AIR	**ug/l**	**ug/l**	**DF**	**RPD,<30%**	Analyst:	PS
GRO, C^6 - C^{10}	38,200	34,100	50	11.3	5/9/2024	

Surrogate	ug/l	%REC.	ug/l	%REC.	LIMIT
Surr: Dibromofluoromethane	20.5	81.9	20.2	80.9	60-140%
Surr: Toluene-d8	25.8	103	25.7	103	60-140%
Surr: 4-Bromofluorobenzene	23.9	95.8	23.9	95.5	60-140%
		% REC		% REC	

Airtech Environmental Laboratories (AEL)

Chain of Custody

4620 E.Elwood Street, Suite 13, Phoenix, AZ 85040 480-968-5888 (phone) 480-966-1888 (fax)

Customer :	Encore Consulting, LLC	Page 1 of 1	AEL Lab #
Address:	950 W Elliot Road	Sampler: Jesus Ibarra Phone: 480 341 0824	24E012
	Suite 116	Project Name: 2705326 Project Number: 2705326	
City, State, Zip: Ten		Project location: Chino Valley, AZ	
Contact:	Lynn Niewiadomski	P.O. Number: CH5326 OM	
Phone: 480-258-1778	Fax:	Fax Results: Y (N)	
E-Mail Address:	Lynn@encore-consulting.net	E-Mail Results: (Y) N to: Jesus	

Sample Receipt

Temperature_____ °C
Custody Seals: Yes_____ No_____
Custody Seals Intact: Yes_____ No_____
Total # of Containers:_____

Turn Around Request

_____ 24 Hours _____ 48 Hours
_____ 72 Hours
_____ 5 working Day
X Standard 10 Working Days

Sample Type

SVE: soil vapor extraction
A: ambient air
I: indoor air
S: soil vapor
W: water
GW: ground water
WW: waste water

Sample Information

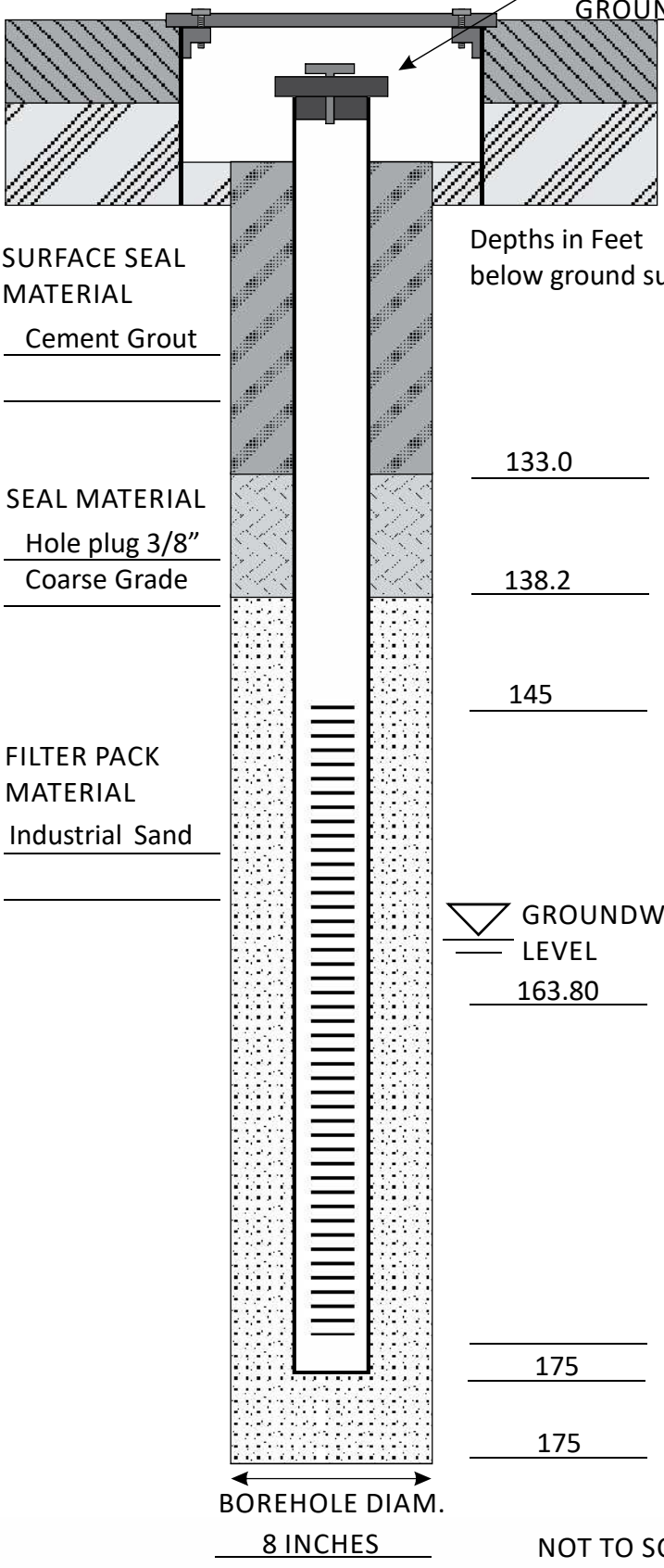
AEL Lab #	Serial # Canister	Serial # Grab	Canister (L) or bag	Grab (Min)	Client's Sample Identification	Sampled Date	Sampled Time	Sample Type	Number of Containers	TO-15 full list	TO-15 TPH(GRO)	TO-15 Selet List	8260B AZ Vapor full list	8260B Vapor select list	8015 GRO	8260B Water	TICs		DFA tracer cmpd as TIC
01			6 1 (bag)	1 2 5	Vac 50 Effluent	5/8/24	0823	SVE	1				X		X		X		
02			6 1 (bag)	1 2 5	Vac 25 Effluent		0828		1				X		X		X		
03			6 1 (bag)	1 2 5	Vac 50 Post-Dilution Influent		0832		1				X		X		X		
04			6 1 (bag)	1 2 5	Vac 25 Post-Dilution Influent		0835		1				X		X		X		
05			6 1 (bag)	1 2 5	Vac 50 Pre-Dilution Influent		0841		1				X		X		X		
06			6 1 (bag)	1 2 5	Vac 25 Pre-Dilution Influent		0846		1				X		X		X		
07			6 1 (bag)	1 2 5	Unified Pre-Dilution Influent		0852		1				X		X		X		
08			6 1 (bag)	1 2 5	VE-1		0901		1				X		X		X		
09			6 1 (bag)	1 2 5	VE-2B		0907		1				X		X		X		
			6 1 bag	1 2 5															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
5/8/24	1247		Jan Jour Airtech

ATTACHMENT C

SOIL BORING LOGS AND WELL CONSTRUCTION DIAGRAMS



Elevation in Feet AMSL 4669.40

Well ID MW-1

Boring ID SB-4

Top of Well Casing Elevation 4668.98

Authorizing Agency ADWR

Registration No. 55-930792

Date of Installation 2/29/2024

Drilling Company Resilient Drilling Co.

Drilling Method Hollow Stem Auger

Drill Rig Model CME- 75

Drill Casing Type HSA

Borehole Diameter 8 INCH

Well Casing Material SCH-40 PVC

Well Casing Diameter 4 INCH

Well Casing Length 175 FEET

Screened Interval 30 feet of screen

Well Development Method Surge block and bail

Development Duration 2 hr 39 min

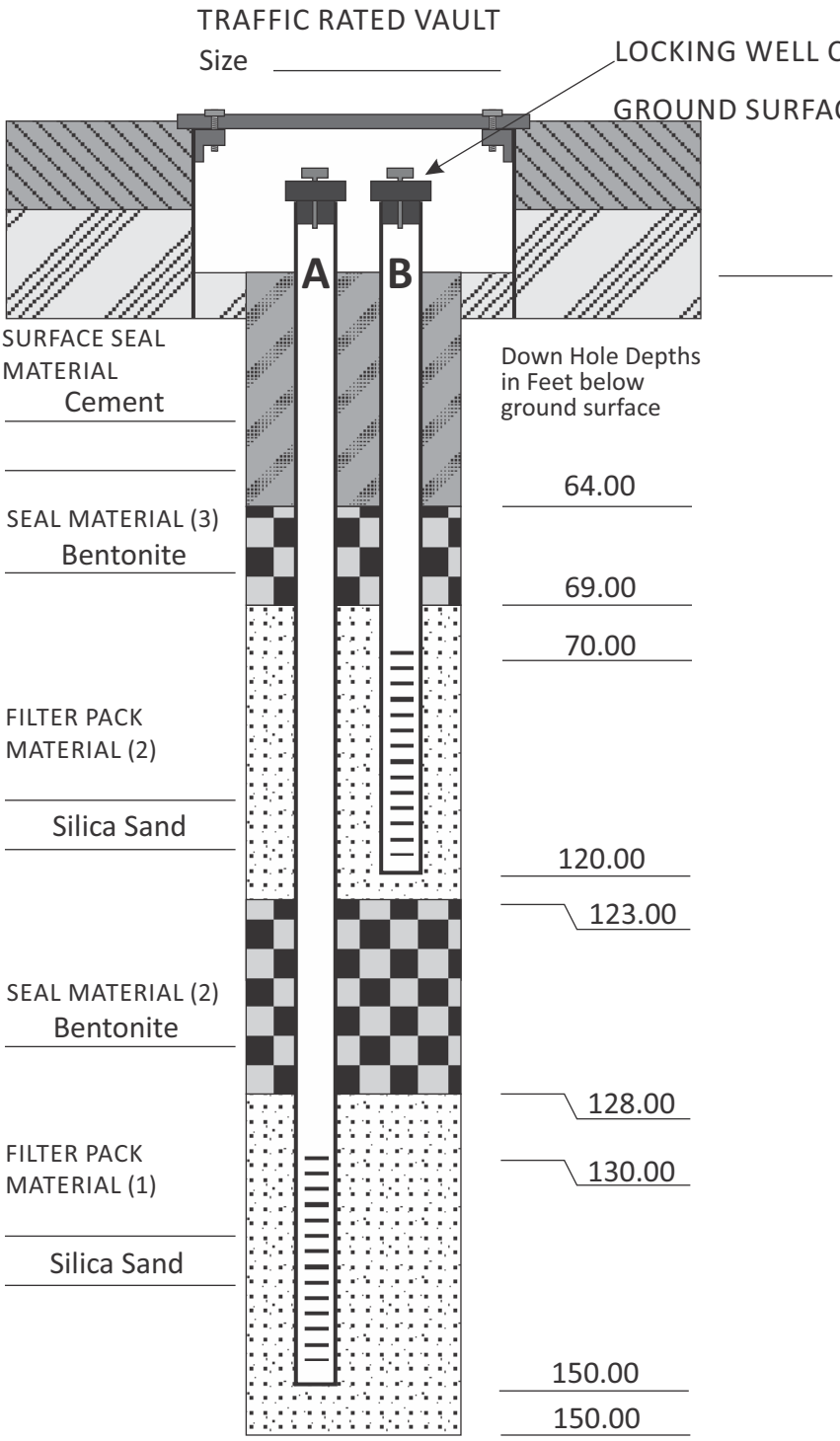
Development Volume 40.35 gal

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL CONSTRUCTION DIAGRAM
MW-1

FIGURE 1



Elevation in Feet AMSL 4668.12

Well ID MW-2/VE-1

Boring ID SB-1

Top of Well Casing Elevation 4667.80

Authorizing Agency ADWR

Registration No. 55-930810

Date of Installation 3/5/2024

Drilling Company RDS

Drilling Method Hollow Stem Auger

Drill Rig Model CME-75

Drill Casing Type HSA

Borehole Diameter 8-inch

Borehole Inclination / Trend, If Any N/A

Well Casing Material / Diameter
A) 4 - inch
B) 2 - inch

Well Casing Length
A) 150 ft
B) 120 ft

Screened Interval
A) 130 to 150 ft
B) 70 to 120 ft

Screen Slot Size
A) 0.020-inch
B) 0.020-inch

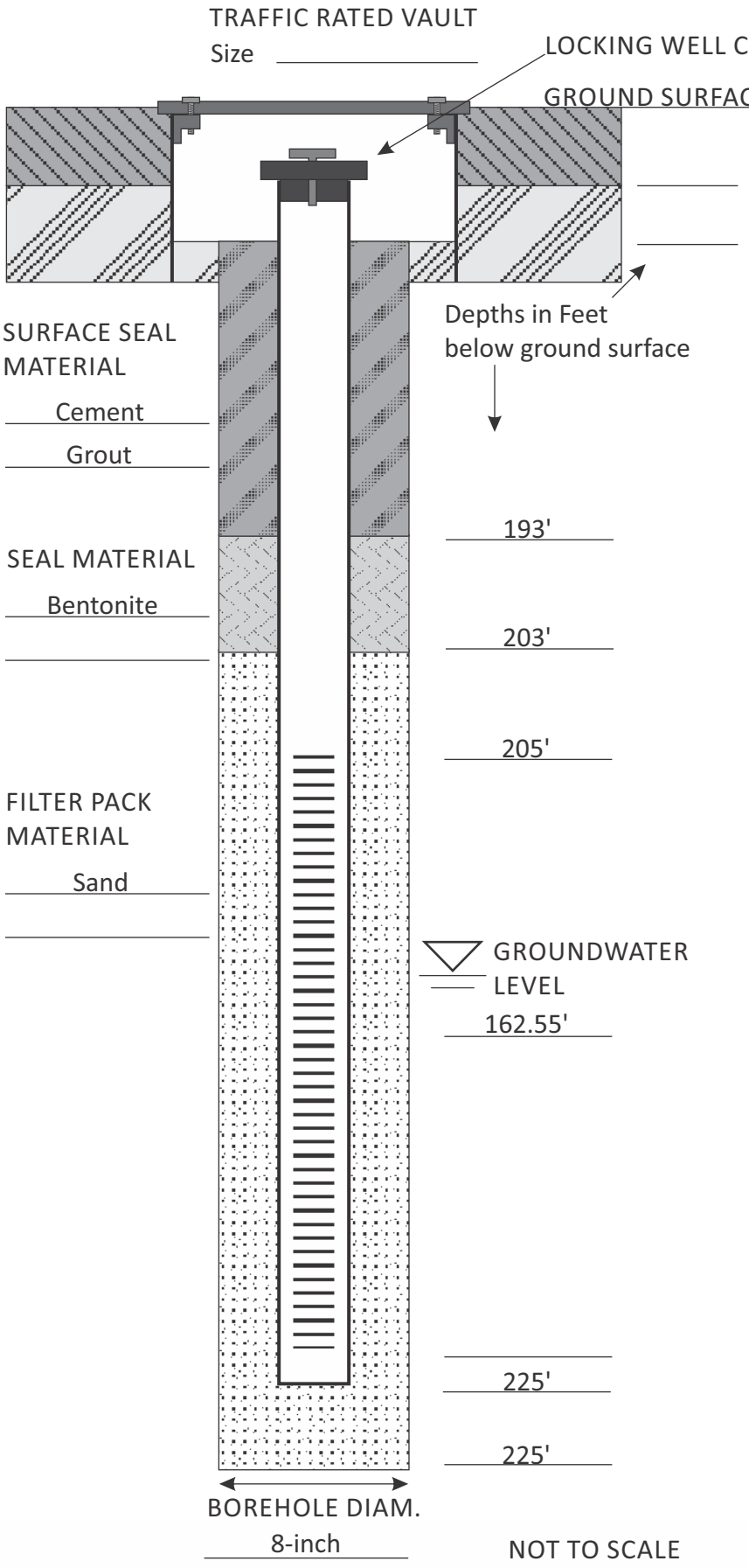
NOTES:

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL ID: MW-2/VE-1
PURPOSE: Monitoring/ Remediation

FIGURE 1



Elevation in Feet AMSL 4662.48

Well ID MW-3

Boring ID SB-7

Top of Well Casing Elevation
4662.13

Authorizing Agency ADWR

Registration No. 55-930863

Date of Installation 3/25/24

Drilling Company Cascade

Drilling Method Rotosonic

Drill Rig Model ProSonic

Drill Casing Type Steel Casing

Borehole Diameter 8-inch

Well Casing Material
Sch. 40 PVC

Well Casing Diameter 4-inch

Well Casing Length 225'

Screened Interval 205'-225'

Well Development Method
Surge and Bail

Development Duration 2.5 hours

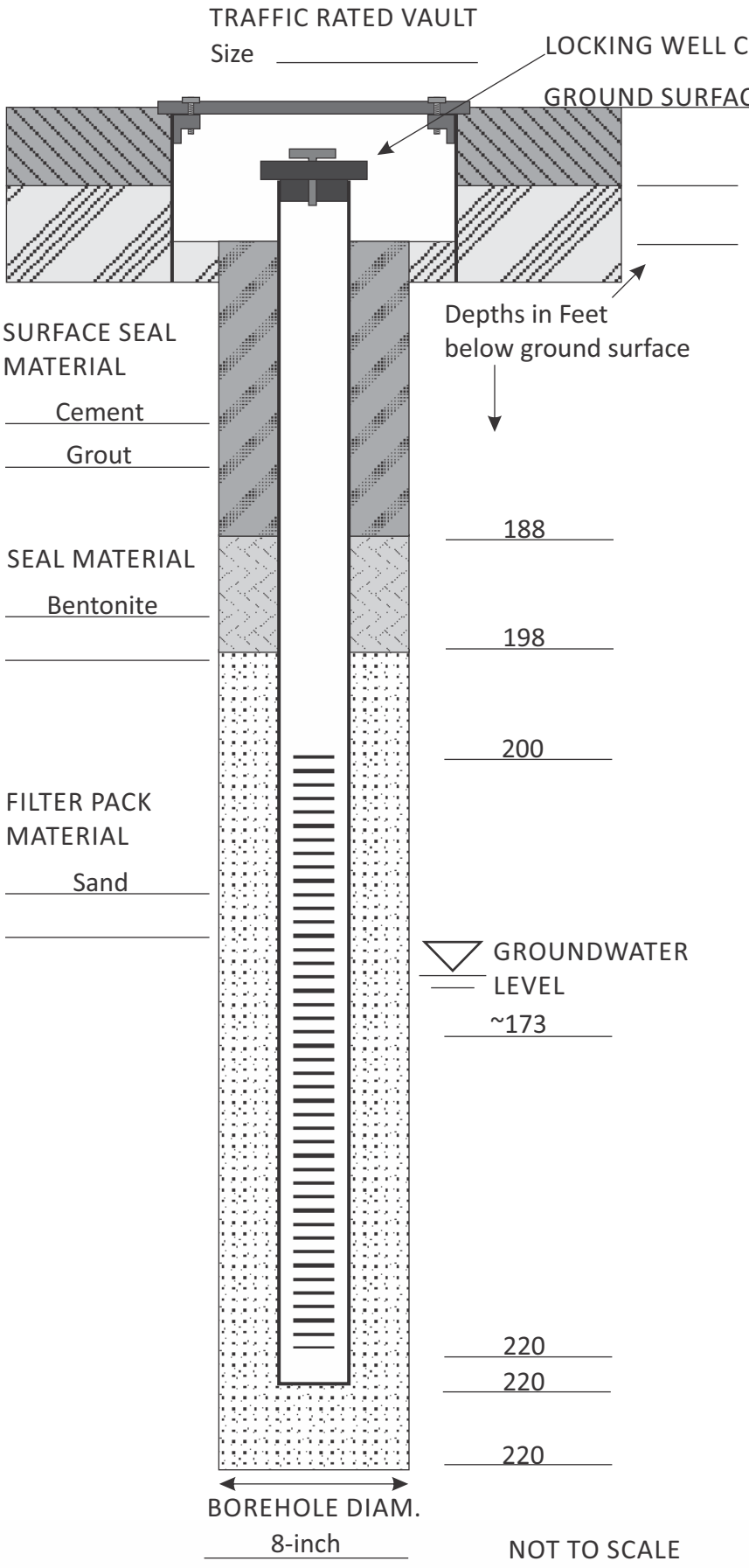
Development Volume 220 gallons

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL CONSTRUCTION DIAGRAM
MW-3

FIGURE 1



Elevation in Feet AMSL 4661.85

Well ID MW-4

Boring ID SB-10

Top of Well Casing Elevation
4661.34

Authorizing Agency ADWR

Registration No. 55-930865

Date of Installation 4/1/24

Drilling Company Cascade

Drilling Method Rotosonic

Drill Rig Model ProSonic

Drill Casing Type Steel Casing

Borehole Diameter 8-inch

Well Casing Material
Sch. 40 PVC

Well Casing Diameter 4-inch

Well Casing Length 220'

Screened Interval 200'-220'

Well Development Method
Surge and Bail

Development Duration 3 hours

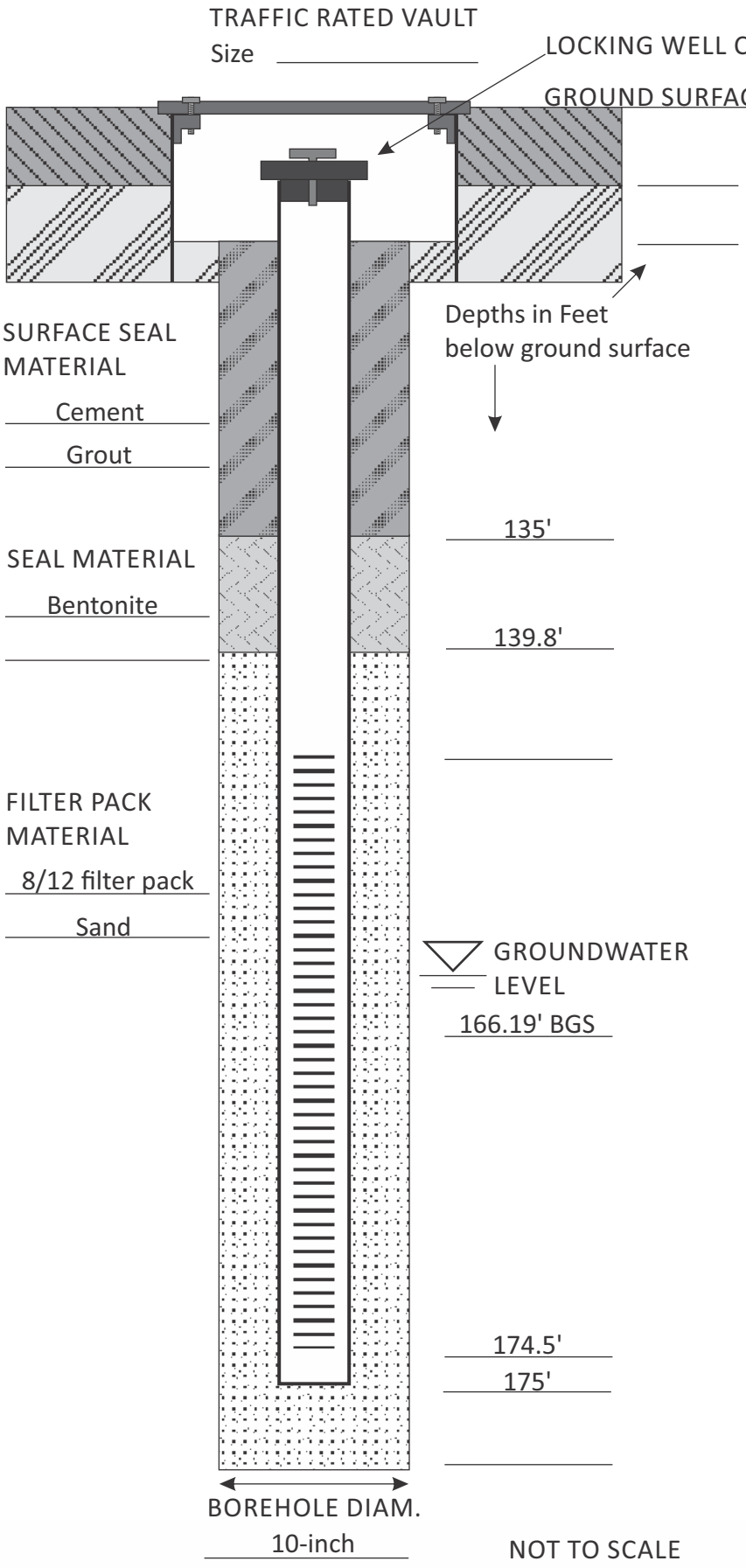
Development Volume 210 gallons

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL CONSTRUCTION DIAGRAM
MW-4

FIGURE 1



Elevation in Feet AMSL 4667.99

Well ID MW-5

Boring ID SB-9

Top of Well Casing Elevation
4667.65

Authorizing Agency ADWR

Registration No. 55-930946

Date of Installation 3/29/24

Drilling Company Resilient Drilling

Drilling Method Hollow Stem Auger

Drill Rig Model CME-75

Drill Casing Type HSA

Borehole Diameter 10-inch

Well Casing Material
Sch. 40 PVC

Well Casing Diameter 4-inch

Well Casing Length 175'

Screened Interval 145'-175'

Well Development Method
Surge and Bail

Development Duration 1 hour 10 min

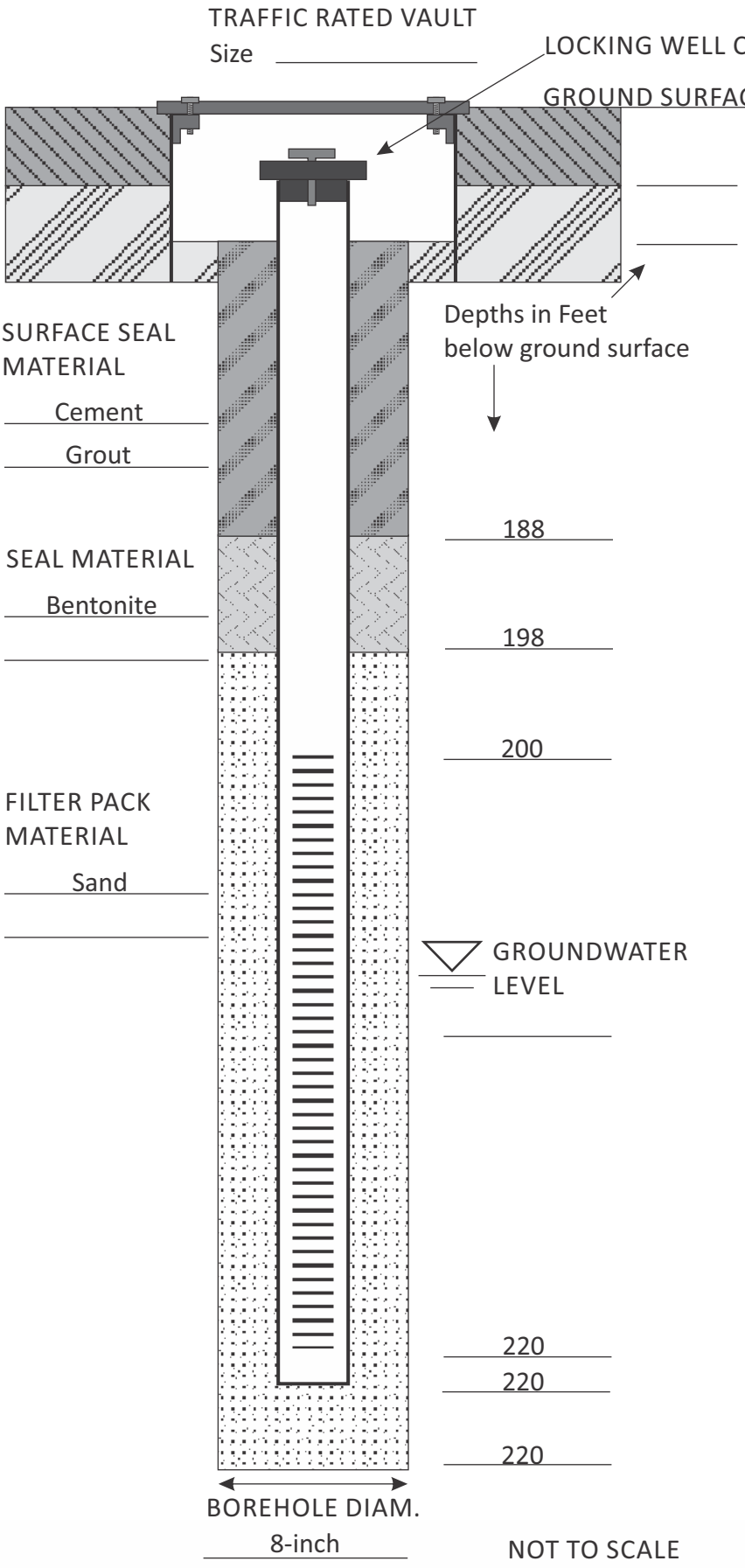
Development Volume 24.4 gallons

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL CONSTRUCTION DIAGRAM
MW-5

FIGURE 1



Elevation in Feet AMSL 4663.96

Well ID MW-6

Boring ID SB-11

Top of Well Casing Elevation
4663.40

Authorizing Agency ADWR

Registration No. 55-930866

Date of Installation 4/9/24

Drilling Company Cascade

Drilling Method Rotosonic

Drill Rig Model ProSonic

Drill Casing Type Steel Casing

Borehole Diameter 8-inch

Well Casing Material
Sch. 40 PVC

Well Casing Diameter 4-inch

Well Casing Length 220'

Screened Interval 200'-220'

Well Development Method
Surge and Bail

Development Duration 2.5 hours

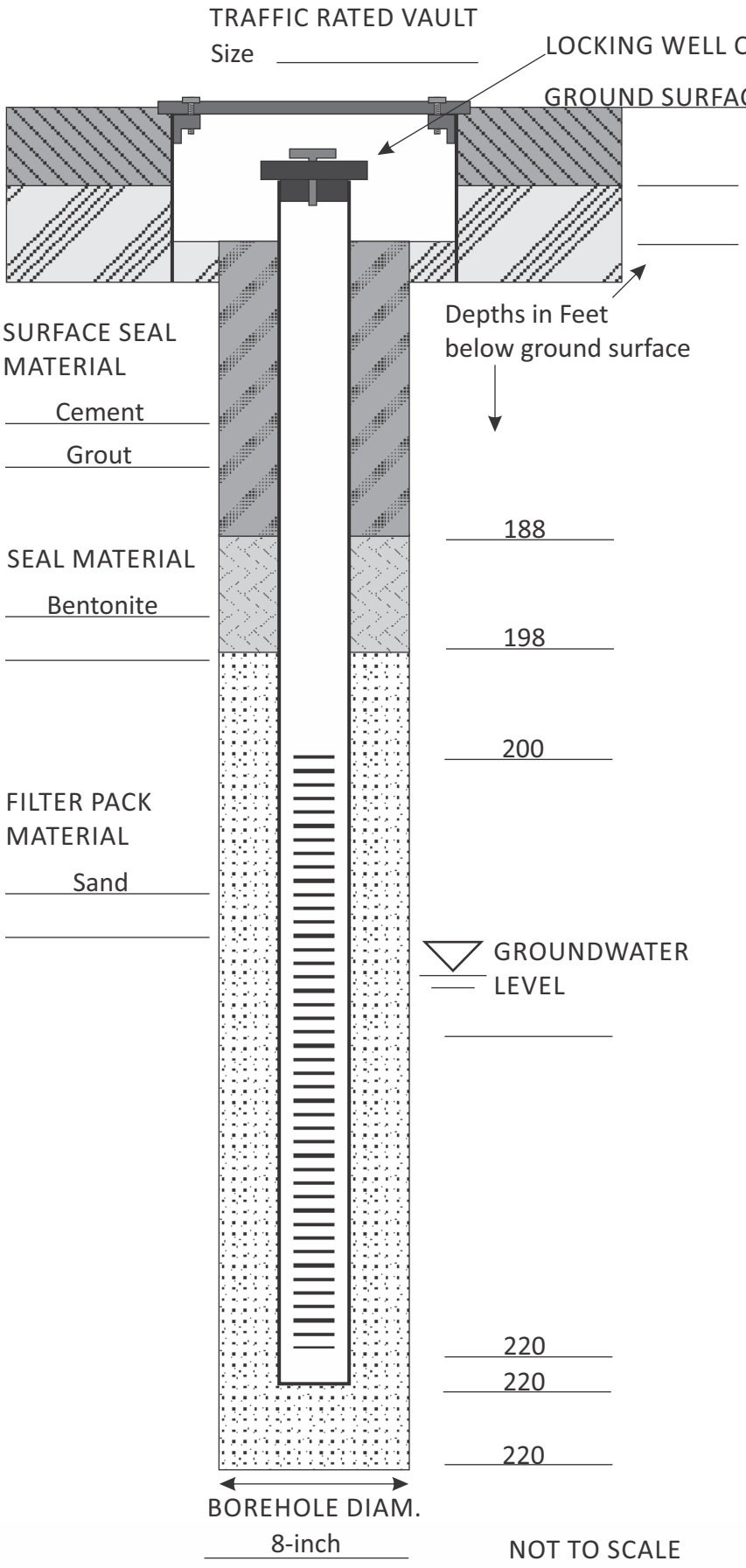
Development Volume 210 gallons

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL CONSTRUCTION DIAGRAM
MW-6

FIGURE 1



Elevation in Feet AMSL 4669.45

Well ID MW-7

Boring ID SB-12

Top of Well Casing Elevation
4669.05

Authorizing Agency ADWR

Registration No. 55-931006

Date of Installation 4/19/24

Drilling Company Cascade

Drilling Method Rotosonic

Drill Rig Model ProSonic

Drill Casing Type Steel Casing

Borehole Diameter 8-inch

Well Casing Material
Sch. 40 PVC

Well Casing Diameter 4-inch

Well Casing Length 220

Screened Interval 200-220

Well Development Method
Surge and Bail

Development Duration 5 hours

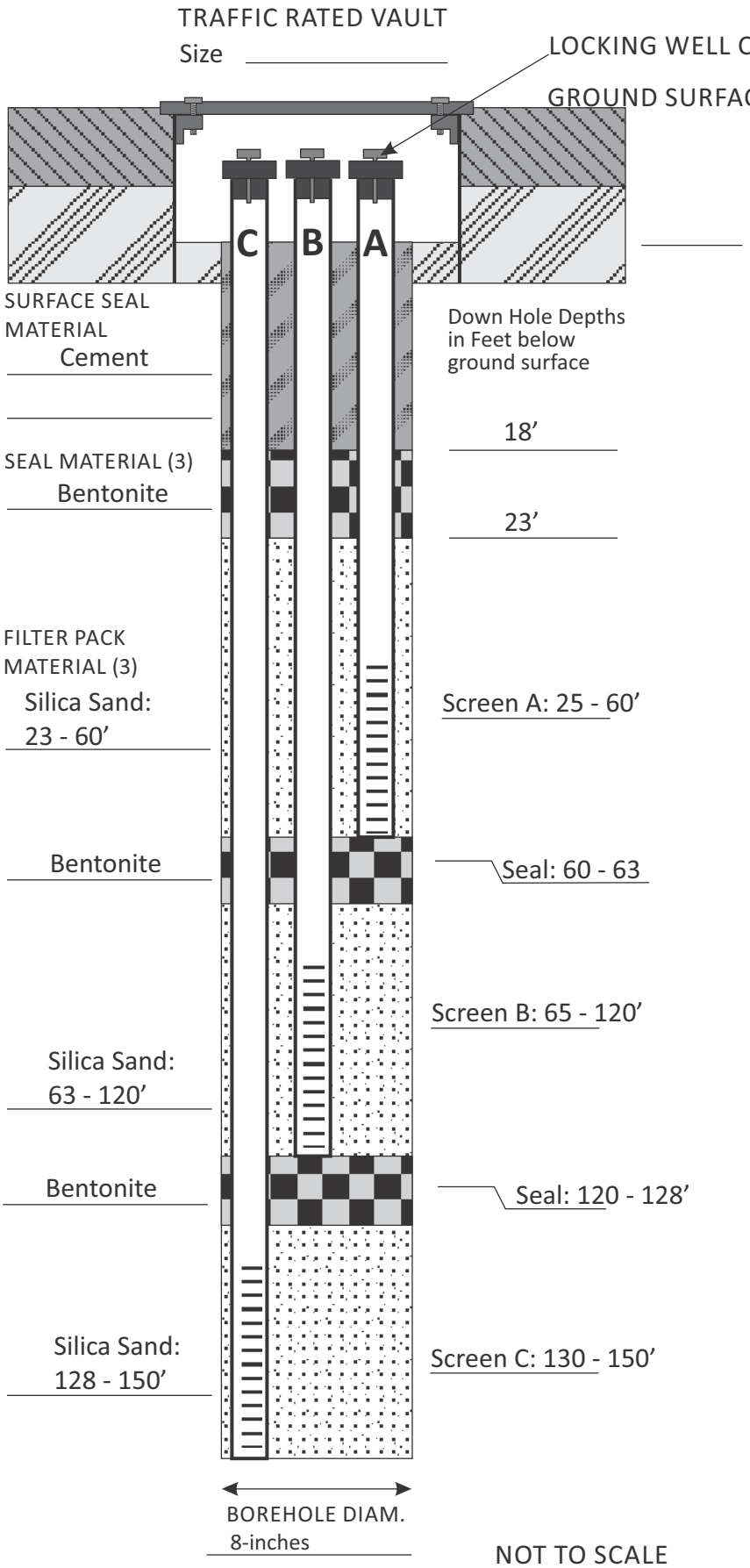
Development Volume 180 gallons

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL CONSTRUCTION DIAGRAM
MW-7

FIGURE 1



Elevation in Feet AMSL: 4666'

Well ID: VE-3a/3b/3c

Boring ID: SB-3

Top of Well Casing Elevation: N/A

Authorizing Agency: ADWR

Registration No.: 55-930849

Date of Installation: 3/14/2024

Drilling Company: RDS

Drilling Method: Hollow Stem Auger

Drill Rig Model: CME-75

Drill Casing Type: HSA

Borehole Diameter: 8-inch

Borehole Inclination / Trend, If Any: N/A

Well Casing Material / Diameter
A-C) 2 - inch

Well Casing Length
A-C) 150 ft

Screened Interval
A) 25 - 60’
B) 65 - 120’
C) 130 - 150’

Screen Slot Size: 0.020-inch

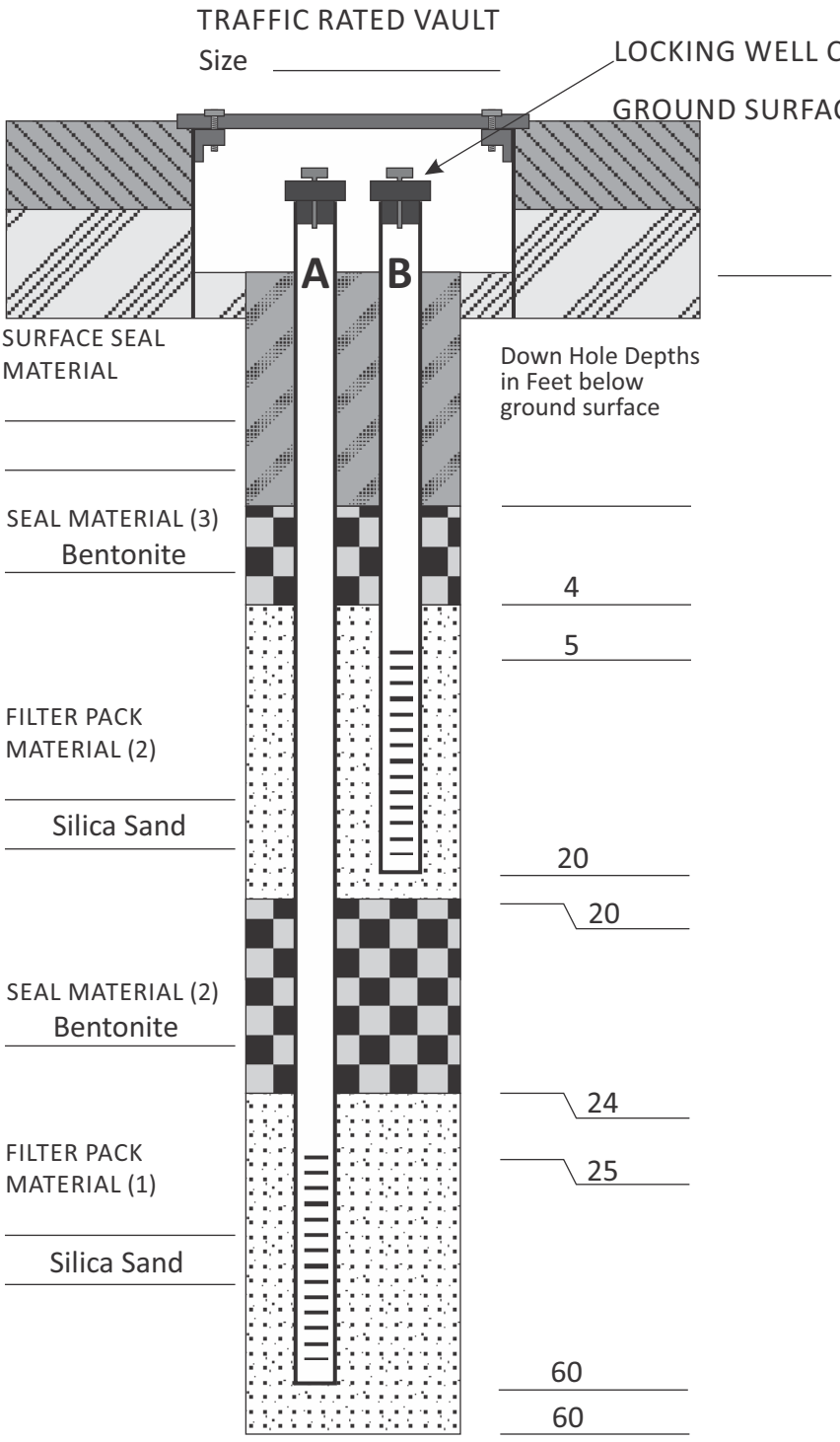
NOTES:

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

CIRCLE K STORE #2705326
1910 North State Route 89
Chino Valley , Arizona

WELL ID: SB-3 / VE-3a/3b/3c

PURPOSE: Remediation



Elevation in Feet AMSL 4662'

Well ID VE-2 (A/B)

Boring ID SB-6

Top of Well Casing Elevation N/A

Authorizing Agency ADWR

Registration No. 55-930810

Date of Installation 3/11/2024

Drilling Company RDS

Drilling Method Hollow Stem Auger

Drill Rig Model CME-75

Drill Casing Type HSA

Borehole Diameter

Borehole Inclination / Trend, If Any N/A

Well Casing Material / Diameter
A) 4 - inch Sch 40 PVC
B) 2 - inch Sch 40 PVC

Well Casing Length
A) 60 ft
B) 20 ft

Screened Interval
A) 40 to 65 ft
B) 70 to 85 ft

Screen Slot Size
A) 0.020-inch
B) 0.020-inch

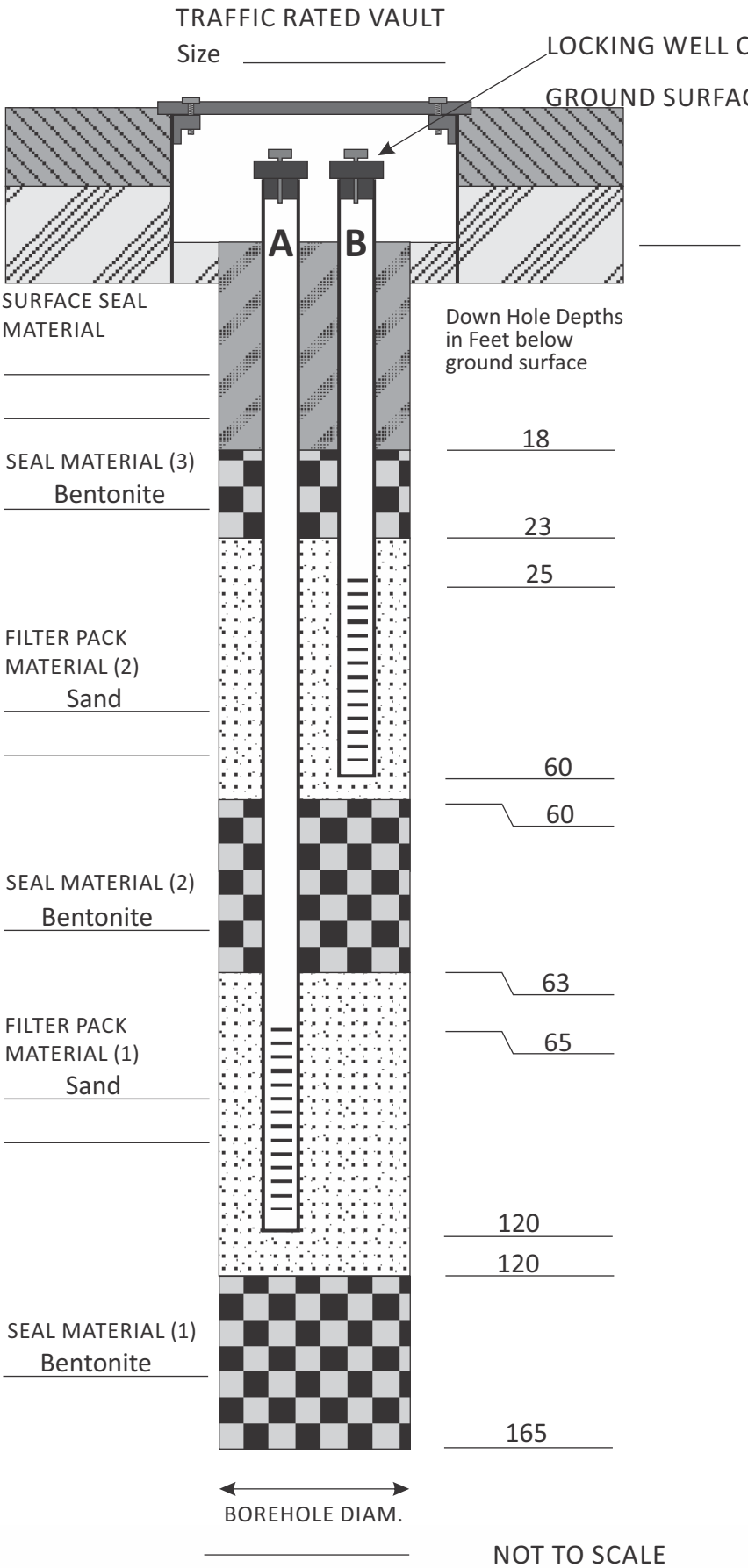
NOTES:

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL ID: VE-2 (A/B)
PURPOSE: Monitoring/ Remediation

FIGURE 1



Elevation in Feet AMSL 4663'

Well ID VE-4 (A/B)

Boring ID SB-8

Top of Well Casing Elevation
N/A

Authorizing Agency ADWR

Registration No. 55-930878

Date of Installation 3/15/24

Drilling Company Resilient

Drilling Method HSA

Drill Rig Model CME-75

Drill Casing Type HSA

Borehole Diameter 8-inch

Borehole Inclination / Trend, If Any
N/A

Well Casing Material / Diameter
A) Sch. 40 PVC/2 inch
B) Sch. 40 PVC/2 inch

Well Casing Length
A) 120'
B) 60'

Screened Interval
A) 65-120
B) 25-60

Screen Slot Size
A) 0.020 - inch
B) 0.020 - inch

NOTES:

ENCORE
Environmental Compliance & Remediation
950 W. Elliot Rd., Ste. 116
Tempe, Arizona 85284
480.258.1778

LOCATION:
CIRCLE K STORE NO. 5326
1910 AZ SR-89
Chino Valley , Arizona

WELL ID: VE - 4 (A/B)
PURPOSE: Remediation

FIGURE 1