27 March 2025
File No. 0213081

City Wide Builders
c/o The Vaja Group
223 Spencer Street, Suite 500
Brooklyn, New York 11205

Attention: Mr. Moses Freund

RE: Limited Phase II Environmental Site Investigation Report
101 East Kingsbridge Road
Bronx, New York

Dear Mr. Freund:

As requested, H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York), is providing this letter to the City Wide Builders c/o The Vaja Group summarizing the results of the Limited Phase II Environmental Site Investigation (ESI) completed at the property located at 101 East Kingsbridge Road, Bronx, New York (the "Site") on 6 March 2025.

SITE LOCATION

The Site, identified as Block 3314, Lot 1 on the New York City tax map, is approximately 5,298 square feet (sq ft) in size and is currently improved with a single-story vacant commercial building. The Site is located in a residential R8 zoning district with a commercial C1-3 overlay and is surrounded by residential and commercial use properties. The Site is bounded to the north by one four-story religious building occupied by the New United Holy Church of God followed by an eight-story residential building; to the east by a one-story commercial building occupied by El Lapiz Stilo (a barber shop) and a nine-story mixed-use commercial residential building with a deli and grocery on the first floor and residential spaces on the above floors; to the south by East Kingsbridge Road followed by a four-story building occupied by P.S. 246 Poe Center; and to the west by Creston Avenue followed by a single-story building occupied by New Way Deli & Lottery Corporation, Fruit and Vegetable Corp., and New Illusion Beauty Salon and Creston Barbershop.

BACKGROUND

Based on a Phase I Environmental Site Assessment (ESA) completed by Haley & Aldrich of New York for the Site in March 2025, the Site was first developed as early as 1896 with a two-story dwelling in the southeastern corner of the Site along East Kingsbridge Road. By 1900, another two-story building was added to the southwestern corner of the lot. By 1945, the buildings were replaced with a single-story building encompassing the majority of the lot with a basement in the southwest corner of the Site. According to the City Directory of 1931, the Site was occupied by the Manhattan and Bronx Directory Publishing Company.

LIMITED SUBSURFACE INVESTIGATION

On 6 March 2025, Haley & Aldrich of New York mobilized to the Site with Ground Penetrating Radar Systems, LLC (GPRS) and Lakewood Environmental Services Corp. (Lakewood) to conduct a Limited Phase II ESI. GPRS completed subsurface utility clearance prior to the initiation of ground intrusive activities. Eight soil borings and two temporary sub-slab soil vapor points were installed by Lakewood using a direct-push PowerProbe 9100 P limited access drill rig. The geophysical survey report is included in Attachment A.

Haley & Aldrich of New York field representatives were on-site to document field observations and to collect soil and sub-slab soil vapor samples. Boring locations were chosen to assess the impacts from potential on and off-Site sources and to characterize subsurface conditions at the Site. Eight soil borings, B-01 through B-08, were installed in accessible areas throughout the Site to depths ranging from 2 (ft) below ground surface (bgs) to 4 ft bgs due to encountering potential weathered bedrock. Two temporary sub-slab soil vapor points, SP-01 and SP-02, were installed immediately below the slab in the central and eastern portions of the Site, respectively. Sample locations are provided on Figure 1. Soil boring logs are included in Attachment B and the soil vapor purge log is included in Attachment C.

Fill material generally consisting of tan silt with black gravel was observed from surface grade to approximately 0.5 ft below the slab. The fill layer was underlain by a potential native layer consisting of brown, fine to medium sand with varying amounts of silt, clay, gravel, and stone up to the terminus depth in each soil boring. Refusal, presumed to potentially be bedrock, was encountered between approximately 2 to 4 feet bgs in each soil boring. Soil samples were collected continuously, characterized, and screened for visual and olfactory evidence of contamination such as staining and odors. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID). No apparent subsurface impacts were observed, including odors and staining, and PID readings of non-detect at 0.0 parts per million (ppm) were observed in each soil boring. Groundwater was not encountered during the investigation.

Eight soil samples, one from each soil boring, were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total metals. Two sub-slab soil vapor samples were collected over a 2-hour period into 6-L stainless-steel summa canisters supplied by the laboratory and analyzed for VOCs.

All soil samples were collected into laboratory-provided containers, placed on ice in coolers, and transported by courier to Eurofins Environmental Testing Northeast, LLC (Eurofins) of Edison, New Jersey, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. The sub-slab soil vapor samples were collected into laboratory-provided canisters with two-hour flow controllers and transported by courier to their Burlington, Vermont location.

RESULTS

Full analytical results for soil and sub-slab soil vapor samples are provided in Tables 1 and 2, respectively, and are summarized on Figures 2 and 3, respectively. Laboratory analytical reports are provided in Attachment D.

Soil

Soil analytical results were compared to New York State Department of Environmental Conservation (NYSDEC) Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted-Residential Use Soil Cleanup Objectives (RRSCOs).

No VOCs were detected above applicable standards in soil samples collected. The chlorinated VOC (CVOC) tetrachloroethene (PCE) was detected above laboratory detection limits, but below regulatory criteria, at an estimated concentration of 0.00043 milligrams per kilogram (mg/kg) in B-04_1-3. Several petroleum-related VOCs were detected above laboratory detection limits, but below regulatory criteria, including benzene at an estimated concentration of 0.00026 mg/kg in B-06_0-2, ethylbenzene at a concentration of 0.0016 mg/kg in B-05_0-2, toluene at an estimated concentration of 0.00034 mg/kg in B-06_0-2, and total xylenes, at a maximum concentration of 0.0092 mg/kg in B-05_0-2.

No SVOCs were detected above applicable standards in soil samples collected.

Five metals were detected at concentrations above UUSCOs and/or RRSCOs in multiple soil samples collected. Arsenic was detected above RRSCOs and UUSCOs in two samples, B-01_1-3 and B-03_2-4, at a maximum concentration of 83.9 mg/kg in B-01_1-3. Mercury was detected above UUSCOs in three soil samples, at a maximum concentration of 0.67 mg/kg in B-08_0-2. Copper and lead were detected above UUSCOs in two samples, B-04_1-3 and B-08_0-2, at maximum concentrations of 68 mg/kg in B-04_1-3 and 152 mg/kg in B-08_0-2, respectively. Zinc was detected above UUSCOs in two samples, B-02_1-3 and B-08_0-2, at a maximum concentration of 238 mg/kg in B-02_1-3.

Sub-Slab Soil Vapor

Total VOC concentrations in sub-slab soil vapor samples ranged from 254.8 micrograms per cubic meter (µg/m^3) in SP-02 to a maximum concentration of 11,186.1 µg/m^3 in SP-01. Total benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations ranged from 36.2 µg/m^3 in SP-02 to a maximum concentration of 10,384 µg/m^3 in SP-01. Total CVOC concentrations ranged from 5.1 µg/m^3 in SP-01 to a maximum concentration of 46.65 µg/m^3 in SP-02.

Several CVOCs were detected above laboratory detection limits in sub-slab soil vapor sample SV-02, including 1,1-dichloroethane at an estimated concentration of 0.1 µg/m^3, carbon tetrachloride at a concentration of 0.35 µg/m^3, and trichloroethene (TCE) at a concentration of 0.3 µg/m^3. The CVOC tetrachloroethene (PCE) was detected in both sub-slab soil vapor samples, at a maximum concentration of 46 µg/m^3 in SP-02.

Several petroleum-related VOCs were detected above laboratory reporting limits in both sub-slab soil vapor samples, detected at maximum concentrations in SP-01, including benzene (maximum concentration 18 µg/m^3), ethylbenzene (maximum concentration of 2,000 µg/m^3 obtained from a diluted sample[1]), toluene (maximum concentration of 66 µg/m^3), and total xylenes (maximum concentration from dilution of 8,300 µg/m^3).

[1] Sample SP-01 was reportedly re-analyzed with a dilution factor of 40 as per Eurofins lab chronicle.

Additionally, acetone, butane, and n-heptane were detected in both sub-slab soil vapor samples above laboratory detection limits, at maximum concentrations in SP-01 of 260 µg/m^3, 320 µg/m^3, and 100 µg/m^3, respectively.

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical results identified heavy metals at concentrations exceeding the UUSCOs and/or RRSCOs in subsurface soils collected in the southern portion of the Site, up to 4 ft bgs. Soil borings were not advanced in the northern portion of the Site or within the partial cellar in the southwestern portion of the Site due to access restrictions. Elevated total lead was identified in soil collected from B-08 at 0 to 2 ft bgs. Further vertical and lateral delineation may be required to determine if material at these locations contains hazardous lead and, if necessary, the extent of hazardous lead in soils in the area surrounding B-08. VOCs, including CVOCs and BTEX, were identified in Site sub-slab soil vapor samples. Considering CVOCs, including PCE, and BTEX compounds were identified in Site sub-slab soil vapor samples as well as above laboratory detection limits in shallow soil, an on-site source may exist. Further site characterization and delineation would be required to determine the extent of these impacts.

Should you have any questions regarding the findings or recommendations, please do not hesitate to contact us.

Sincerely,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP

Nicole A. Mooney	Emily Butler	Mari C. Conlon
Project Geologist	Project Manager	Senior Associate

Attachments

Figure 1 – Sample Location Map
Figure 2 – Soil Analytical Results Exceedance Map
Figure 3 – Sub-Slab Soil Vapor Analytical Results Map

Table I – Summary of Soil Quality Data
Table II – Summary of Sub-Slab Soil Vapor Quality Data

Attachment A – Geophysical Survey Report
Attachment B – Soil Boring Logs
Attachment C – Sub-Slab Soil Vapor Sampling Log
Attachment D – Laboratory Reports

FIGURES

LEGEND

- SOIL BORING
- SUB-SLAB SOIL VAPOR POINT
- APPROXIMATE PARTIAL CELLAR BOUNDARY
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION
3. AERIAL IMAGERY SOURCE: NEARMAP, 4 OCTOBER 2024

N

0 20 40

SCALE IN FEET

HALEY ALDRICH

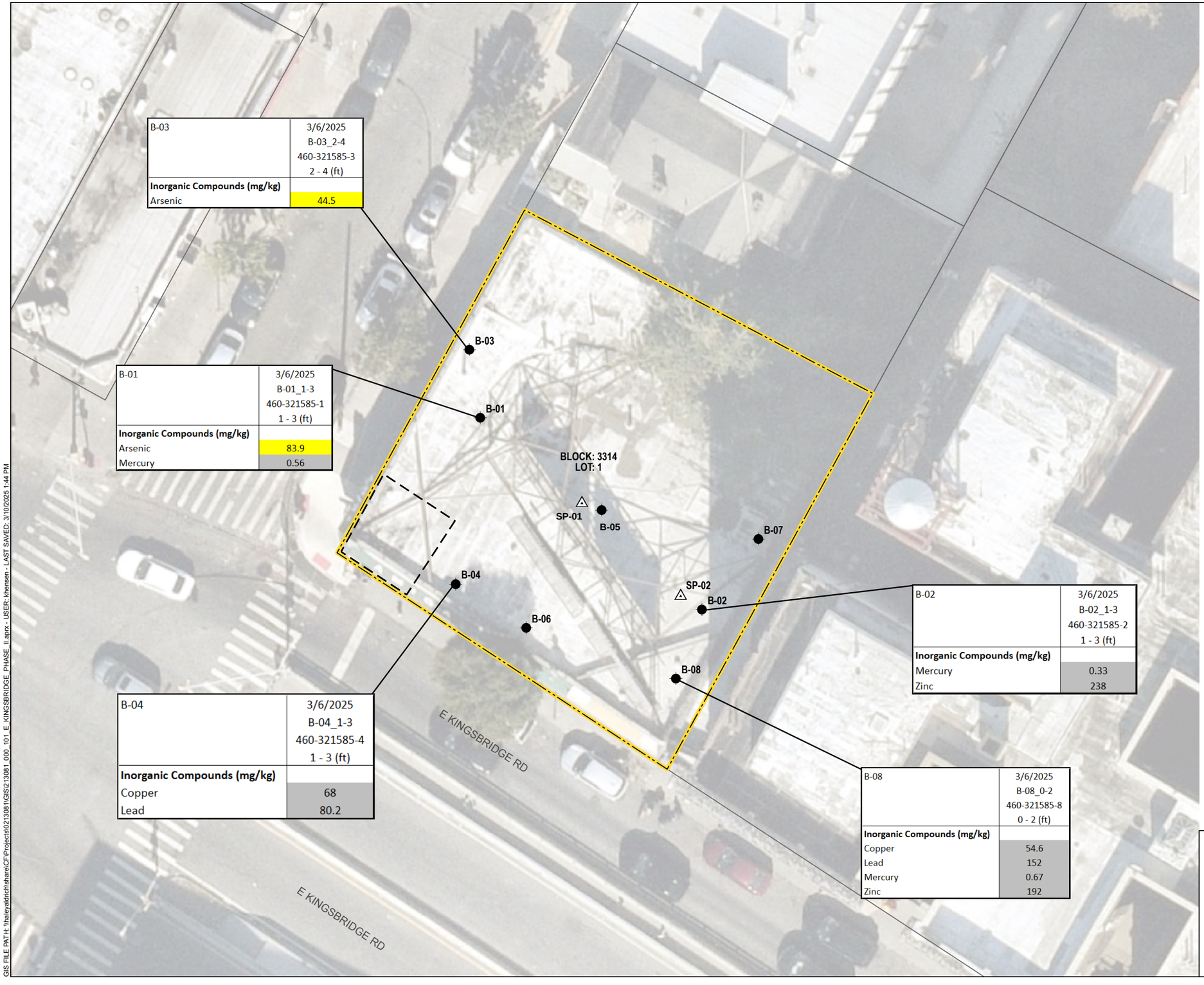
101 EAST KINGSBRIDGE ROAD
BRONX, NEW YORK

SITE PLAN

MARCH 2025

FIGURE 1

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0213081\GIS\213081_000_101_E_KINGSBRIDGE_PHASE_II.aprx - USER: khensen - LAST SAVED: 3/10/2025 1:44 PM



B-03	3/6/2025 B-03_2-4 460-321585-3 2 - 4 (ft)
Inorganic Compounds (mg/kg)	
Arsenic	44.5

B-01	3/6/2025 B-01_1-3 460-321585-1 1 - 3 (ft)
Inorganic Compounds (mg/kg)	
Arsenic	83.9
Mercury	0.56

B-04	3/6/2025 B-04_1-3 460-321585-4 1 - 3 (ft)
Inorganic Compounds (mg/kg)	
Copper	68
Lead	80.2

B-02	3/6/2025 B-02_1-3 460-321585-2 1 - 3 (ft)
Inorganic Compounds (mg/kg)	
Mercury	0.33
Zinc	238

B-08	3/6/2025 B-08_0-2 460-321585-8 0 - 2 (ft)
Inorganic Compounds (mg/kg)	
Copper	54.6
Lead	152
Mercury	0.67
Zinc	192

LEGEND

- SOIL BORING
- SUB-SLAB SOIL VAPOR POINT
- APPROXIMATE PARTIAL CELLAR BOUNDARY
- SITE BOUNDARY
- PARCEL BOUNDARY

	RRSCOs	UUSCOs
Inorganic Compounds (mg/kg)		
Arsenic	16	13
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Zinc	10000	109

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION.

3. AERIAL IMAGERY SOURCE: NEARMAP, 4 OCTOBER 2024

4. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (UUSCOS), RESTRICTED-RESIDENTIAL SOIL CLEANUP OBJECTIVES (RRSCOS), AND 40 CFR 261 SUBPART C AND TABLE 1 OF 40 CFR 261.24.

5. EXCEEDANCES OF THE UUSCOS ARE SHADED GRAY.

6. EXCEEDANCE OF THE RRSCOS ARE SHADED YELLOW.

7. RESULTS ARE DISPLAYED IN MILLIGRAMS PER KILOGRAM (mg/kg).

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

101 EAST KINGSBRIDGE ROAD
BRONX, NEW YORK

SOIL ANALYTICAL RESULTS EXCEEDANCE MAP

MARCH 2025

FIGURE 2

SP-01	3/6/2025 200-77236-1 SP-01-20250306
Volatile Organic Compounds (ug/m3)	
1,2,4-Trimethylbenzene	11
1,3,5-Trimethylbenzene	4.3 J
1,3-Butadiene	3.6 J
2,2,4-Trimethylpentane	17
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	4.5 J
Acetone	260
Benzene	18
Butane	320
Carbon disulfide	8.5 J
Cyclohexane	5.2 J
Ethylbenzene	2000 D
Hexane	24
Isopropylbenzene (Cumene)	33
m,p-Xylenes	6400 D
N-Heptane	100
n-Propylbenzene	5.9 J
o-Xylene	1900 D
Tetrachloroethene	5.1 J
Toluene	66
SUM of Volatile Organic Compounds	11186.1
SUM of BTEX	10384
SUM of CVOCs	5.1

SP-02	3/6/2025 200-77236-2 SP-02-20250306
Volatile Organic Compounds (ug/m3)	
1,1-Dichloroethane	0.1 J
1,2,4-Trimethylbenzene	1.8
1,3,5-Trimethylbenzene	0.78 J
1,3-Butadiene	0.57
2,2,4-Trimethylpentane	2.1
2-Butanone (Methyl Ethyl Ketone)	2.4
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	0.66 J
Acetone	110 D
Benzene	2.8
Butane	27
Carbon disulfide	5
Carbon tetrachloride	0.35
Chlorodifluoromethane	1.2 J
Chloroform (Trichloromethane)	1
Chloromethane (Methyl Chloride)	1
Cyclohexane	1.1
Dichlorodifluoromethane (CFC-12)	2.2 J
Ethylbenzene	3.3
Hexane	2.4
Isopropylbenzene (Cumene)	3.4
m,p-Xylenes	11
N-Heptane	3
n-Propylbenzene	0.56 J
o-Xylene	4.1
Tert-Butyl Alcohol (tert-Butanol)	4 J
Tetrachloroethene	46
Toluene	15
Trichloroethene	0.3
Trichlorofluoromethane (CFC-11)	1.2
Trifluorotrichloroethane (Freon 113)	0.48 J
SUM of Volatile Organic Compounds	254.8
SUM of BTEX	36.2
SUM of CVOCs	46.65

B-03
B-01
BLOCK: 3314
LOT: 1
SP-01
B-05
B-07
B-04
SP-02
B-02
B-06
B-08
CRESTON AVE
E KINGSBRIDGE RD
E KINGSBRIDGE RD

LEGEND

- SOIL BORING
- SUB-SLAB SOIL VAPOR POINT
- APPROXIMATE PARTIAL CELLAR BOUNDARY
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING, INFORMATION TECHNOLOGY DIVISION.
3. AERIAL IMAGERY SOURCE: NEARMAP, 04 OCTOBER 2024.
4. ALL DETECTED ANALYTES SHOWN ON FIGURE.
5. SOIL VAPOR ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)
6. RESULTS ARE DISPLAYED IN MICROGRAMS PER CUBIC METER ($\mu g/m^3$)
7. TOTAL DETECTED CONCENTRATION OF BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES (BTEX)
8. TOTAL CVOCS CONCENTRATION IS THE SUM OF DETECTED CARBON TETRACHLORIDE, 1,1-DICHLOROETHENE, CIS-1,2-DICHLOROETHENE, TRICHLOROETHENE, METHYLENE CHLORIDE, TETRACHLOROETHENE, 1,1,1-TRICHLOROETHANE AND VINYL CHLORIDE.
9. TOTAL VOCS IS THE SUM OF ALL THE DETECTED CONCENTRATIONS.

N

0 20 40
SCALE IN FEET

HALEY ALDRICH

101 EAST KINGSBRIDGE ROAD
BRONX, NEW YORK

SUB-SLAB SOIL VAPOR ANALYTICAL RESULTS MAP

MARCH 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\021308\1\GIS\213081_000_101 E. KINGSBRIDGE_PHASE_II.aprx - USER: khensen - LAST SAVED: 3/10/2025 1:44 PM

TABLES

TABLE 1
SUMMARY OF SOIL QUALITY DATA
101 EAST KINGSBRIDGE ROAD
BRONX, NEW YORK
FILE NO. 0213081

	Action Level									
Location Name	NY Part 375	NY Part 375	B-01	B-02	B-03	B-04	B-05	B-06	B-07	B-08
Sample Name	Restricted	Unrestricted	B-01_1-3	B-02_1-3	B-03_2-4	B-04_1-3	B-05_0-2	B-06_0-2	B-07_0-2	B-08_0-2
Sample Date	Residential Use	Use	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025
Lab Sample ID	Soil Cleanup	Soil Cleanup	460-321585-1	460-321585-2	460-321585-3	460-321585-4	460-321585-5	460-321585-6	460-321585-7	460-321585-8
Sample Depth (bgs)	Objectives	Objectives	1 - 3 (ft)	1 - 3 (ft)	2 - 4 (ft)	1 - 3 (ft)	0 - 2 (ft)	0 - 2 (ft)	0 - 2 (ft)	0 - 2 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1-Trichloroethane	100	0.68	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,1,2-Trichloroethane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,1-Dichloroethane	26	0.27	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,1-Dichloroethene	100	0.33	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,2-Dichlorobenzene	100	1.1	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,2-Dichloroethane	3.1	0.02	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,2-Dichloropropane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,3-Dichlorobenzene	49	2.4	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,4-Dichlorobenzene	13	1.8	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
1,4-Dioxane	13	0.1	ND (0.12)	ND (0.086)	ND (0.094)	ND (0.11)	ND (0.088)	ND (0.089)	ND (0.089)	ND (0.086)
2-Butanone (Methyl Ethyl Ketone)	100	0.12	ND (0.0062)	ND (0.0043)	ND (0.0047)	ND (0.0057)	0.0027 J	ND (0.0044)	ND (0.0045)	ND (0.0043)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0062)	ND (0.0043)	ND (0.0047)	ND (0.0057)	ND (0.0044)	ND (0.0044)	ND (0.0045)	ND (0.0043)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0062)	ND (0.0043)	ND (0.0047)	ND (0.0057)	ND (0.0044)	ND (0.0044)	ND (0.0045)	ND (0.0043)
Acetone	100	0.05	ND (0.0075)	ND (0.0052)	0.0068	ND (0.0068)	0.023	ND (0.0053)	ND (0.0054)	ND (0.0052)
Acrolein	NA	NA	ND (0.12)	ND (0.086)	ND (0.094)	ND (0.11)	ND (0.088)	ND (0.089)	ND (0.089)	ND (0.086)
Acrylonitrile	NA	NA	ND (0.012)	ND (0.0086)	ND (0.0094)	ND (0.011)	ND (0.0088)	ND (0.0089)	ND (0.0089)	ND (0.0086)
Benzene	4.8	0.06	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	0.00026 J	ND (0.00089)	ND (0.00086)
Bromodichloromethane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Bromoform	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0025)	ND (0.0017)	ND (0.0019)	ND (0.0023)	ND (0.0018)	ND (0.0018)	ND (0.0018)	ND (0.0017)
Carbon disulfide	NA	NA	ND (0.0012)	ND (0.00086)	0.0016	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Carbon tetrachloride	2.4	0.76	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Chlorobenzene	100	1.1	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Chlorobromomethane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Chloroethane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Chloroform (Trichloromethane)	49	0.37	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
cis-1,2-Dichloroethene	100	0.25	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
cis-1,3-Dichloropropene	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Cyclohexane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Dibromochloromethane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Ethylbenzene	41	1	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	0.0016	ND (0.00089)	ND (0.00089)	ND (0.00086)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
m,p-Xylenes	NA	NA	ND (0.0012)	ND (0.00086)	0.00041 J	ND (0.0011)	0.0067	0.00048 J	ND (0.00089)	ND (0.00086)
Methyl acetate	NA	NA	ND (0.0062)	ND (0.0043)	ND (0.0047)	ND (0.0057)	ND (0.0044)	ND (0.0044)	ND (0.0045)	ND (0.0043)
Methyl Tert Butyl Ether (MTBE)	100	0.93	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Methylcyclohexane	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Methylene chloride (Dichloromethane)	100	0.05	ND (0.0025)	ND (0.0017)	ND (0.0019)	ND (0.0023)	ND (0.0018)	ND (0.0018)	ND (0.0018)	ND (0.0017)
o-Xylene	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	0.0025	ND (0.00089)	ND (0.00089)	ND (0.00086)
Styrene	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Tert-Butyl Alcohol (tert-Butanol)	NA	NA	ND (0.012)	ND (0.0086)	ND (0.0094)	ND (0.011)	ND (0.0088)	ND (0.0089)	ND (0.0089)	ND (0.0086)
Tetrachloroethene	19	1.3	ND (0.0012)	ND (0.00086)	ND (0.00094)	0.00043 J	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Toluene	100	0.7	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	0.00034 J	ND (0.00089)	ND (0.00086)
trans-1,2-Dichloroethene	100	0.19	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
trans-1,3-Dichloropropene	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Trichloroethene	21	0.47	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Trifluorotrichloroethane (Freon 113)	NA	NA	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)
Vinyl chloride	0.9	0.02	ND (0.0012)	ND (0.00086)	ND (0.00094)	ND (0.0011)	ND (0.00088)	ND (0.00089)	ND (0.00089)	ND (0.00086)

TABLE 1
SUMMARY OF SOIL QUALITY DATA
101 EAST KINGSBRIDGE ROAD
BRONX, NEW YORK
FILE NO. 0213081

	Action Level									
Location Name	NY Part 375	NY Part 375	B-01	B-02	B-03	B-04	B-05	B-06	B-07	B-08
Sample Name	Restricted	Unrestricted	B-01_1-3	B-02_1-3	B-03_2-4	B-04_1-3	B-05_0-2	B-06_0-2	B-07_0-2	B-08_0-2
Sample Date	Residential Use	Use	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025
Lab Sample ID	Soil Cleanup	Soil Cleanup	460-321585-1	460-321585-2	460-321585-3	460-321585-4	460-321585-5	460-321585-6	460-321585-7	460-321585-8
Sample Depth (bgs)	Objectives	Objectives	1 - 3 (ft)	1 - 3 (ft)	2 - 4 (ft)	1 - 3 (ft)	0 - 2 (ft)	0 - 2 (ft)	0 - 2 (ft)	0 - 2 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
1,2-Diphenylhydrazine	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2,3,4,6-Tetrachlorophenol	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2,4,5-Trichlorophenol	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2,4,6-Trichlorophenol	NA	NA	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)
2,4-Dichlorophenol	NA	NA	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)
2,4-Dimethylphenol	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2,4-Dinitrophenol	NA	NA	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
2,4-Dinitrotoluene	NA	NA	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)
2,6-Dinitrotoluene	NA	NA	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)
2-Chloronaphthalene	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2-Chlorophenol	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2-Methylnaphthalene	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2-Methylphenol (o-Cresol)	100	0.33	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2-Nitroaniline	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
2-Nitrophenol	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
3,3'-Dichlorobenzidine	NA	NA	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)
3-Nitroaniline	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
4-Chloro-3-methylphenol	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
4-Chloroaniline	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
4-Methylphenol	100	0.33	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
4-Nitroaniline	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
4-Nitrophenol	NA	NA	ND (0.68)	ND (0.68)	ND (0.68)	ND (0.69)	ND (0.69)	ND (0.68)	ND (0.68)	ND (0.68)
Acenaphthene	100	20	0.03 J	ND (0.33)	ND (0.33)	0.025 J	0.011 J	ND (0.34)	ND (0.33)	ND (0.33)
Acenaphthylene	100	100	ND (0.33)	0.017 J	ND (0.33)	0.063 J	0.055 J	ND (0.34)	ND (0.33)	ND (0.33)
Acetophenone	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Anthracene	100	100	0.049 J	0.016 J	ND (0.33)	0.065 J	0.037 J	ND (0.34)	ND (0.33)	ND (0.33)
Atrazine	NA	NA	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)
Benzaldehyde	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Benzidine	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Benzo(a)anthracene	1	1	0.11	0.082	ND (0.033)	0.27	0.24	ND (0.034)	ND (0.033)	0.039
Benzo(a)pyrene	1	1	0.099	0.086	ND (0.033)	0.3	0.25	0.018 J	0.014 J	0.036
Benzo(b)fluoranthene	1	1	0.13	0.11	ND (0.033)	0.41	0.31	0.022 J	0.017 J	0.048
Benzo(g,h,i)perylene	100	100	0.062 J	0.051 J	ND (0.33)	0.23 J	0.17 J	0.013 J	0.011 J	0.033 J
Benzo(k)fluoranthene	3.9	0.8	0.052	0.044	ND (0.033)	0.16	0.12	0.0087 J	0.0071 J	0.024 J
Biphenyl	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
bis(2-Chloroethoxy)methane	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
bis(2-Chloroethyl)ether	NA	NA	ND (0.033)	ND (0.033)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)
bis(2-Ethylhexyl)phthalate	NA	NA	0.22 J	0.33	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	0.22 J	2.2
Butyl benzylphthalate (BBP)	NA	NA	0.099 J	0.81	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	1	ND (0.33)
Caprolactam	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Carbazole	NA	NA	0.029 J	ND (0.33)	ND (0.33)	0.044 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Chrysene	3.9	1	0.11 J	0.08 J	ND (0.33)	0.29 J	0.26 J	0.02 J	0.016 J	0.037 J
Dibenz(a,h)anthracene	0.33	0.33	0.022 J	0.015 J	ND (0.033)	0.066	0.046	ND (0.034)	ND (0.033)	ND (0.033)
Dibenzofuran	59	7	0.015 J	ND (0.33)	ND (0.33)	0.017 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Diethyl phthalate	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Dimethyl phthalate	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Di-n-butylphthalate (DBP)	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	0.015 J
Di-n-octyl phthalate (DnOP)	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Fluoranthene	100	100	0.25 J	0.15 J	ND (0.33)	0.68	0.44	0.034 J	0.033 J	0.043 J
Fluorene	100	30	0.024 J	ND (0.33)	ND (0.33)	0.028 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Hexachlorobenzene	1.2	0.33	ND (0.033)	ND (0.033)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)
Hexachlorobutadiene	NA	NA	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)
Hexachlorocyclopentadiene	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Hexachloroethane	NA	NA	ND (0.033)	ND (0.033)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.072	0.057	ND (0.033)	0.24	0.17	ND (0.034)	ND (0.033)	0.029 J
Isophorone	NA	NA	ND (0.13)	ND (0.13)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)
Naphthalene	100	12	0.017 J	ND (0.33)	ND (0.33)	0.0088 J	0.008 J	ND (0.34)	ND (0.33)	0.011 J
Nitrobenzene	NA	NA	ND (0.033)	ND (0.033)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)
N-Nitrosodimethylamine (NDMA)	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.033)	ND (0.033)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)
N-Nitrosodiphenylamine	NA	NA	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Pentachlorophenol	6.7	0.8	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Phenanthrene	100	100	0.21 J	0.064 J	ND (0.33)	0.39	0.16 J	0.016 J	0.021 J	0.016 J
Phenol	100	0.33	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)
Pyrene	100	100	0.16 J	0.12 J	ND (0.33)	0.42	0.38	0.023 J	0.025 J	0.034 J

TABLE 1
SUMMARY OF SOIL QUALITY DATA
101 EAST KINGSBRIDGE ROAD
BRONX, NEW YORK
FILE NO. 0213081

	Action Level									
Location Name	NY Part 375	NY Part 375	B-01	B-02	B-03	B-04	B-05	B-06	B-07	B-08
Sample Name	Restricted	Unrestricted	B-01_1-3	B-02_1-3	B-03_2-4	B-04_1-3	B-05_0-2	B-06_0-2	B-07_0-2	B-08_0-2
Sample Date	Residential Use	Use	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025	03/06/2025
Lab Sample ID	Soil Cleanup	Soil Cleanup	460-321585-1	460-321585-2	460-321585-3	460-321585-4	460-321585-5	460-321585-6	460-321585-7	460-321585-8
Sample Depth (bgs)	Objectives	Objectives	1 - 3 (ft)	1 - 3 (ft)	2 - 4 (ft)	1 - 3 (ft)	0 - 2 (ft)	0 - 2 (ft)	0 - 2 (ft)	0 - 2 (ft)
Inorganic Compounds (mg/kg)										
Aluminum	NA	NA	15000	11300	14700	6800	18000	15700	16900	13600
Antimony	NA	NA	0.15 J	0.14 J	ND (0.8)	1.5	0.27 J	ND (0.8)	0.16 J	0.77
Arsenic	16	13	83.9	2.4	44.5	4	4.6	8.7	1.9	12.4
Barium	400	350	234	106	238	123	217	225	97.1	205
Beryllium	72	7.2	0.19 J	0.2 J	0.097 J	0.25 J	0.33	0.27 J	1.1	0.25 J
Cadmium	4.3	2.5	0.14 J	1.1	ND (0.8)	0.19 J	0.15 J	0.09 J	0.098 J	0.26 J
Calcium	NA	NA	8240	2640	1160	10400	10500	3980	5720	15700
Chromium	NA	NA	24.9	34.5	59.1	16.7	56	52.3	26.1	22
Cobalt	NA	NA	11.8	6.9	8.7	5.6	11.1	9.6	15.1	7.5
Copper	270	50	23.5	21.2	27.1	68	24.9	21.2	42.5	54.6
Iron	NA	NA	28400	17600	32500	15700	25200	24800	28500	36800
Lead	400	63	59.6	22.6	4.3	80.2	56.8	9	32.5	152
Magnesium	NA	NA	8090	6500	8240	4180	9100	7970	5020	10700
Manganese	2000	1600	280	267	271	190	289	372	337	388
Mercury	0.81	0.18	0.56	0.33	0.063	0.16	0.14	ND (0.015)	0.079	0.67
Nickel	310	30	14.6	18.8	21.2	15.1	27	27.2	23.2	15.3
Potassium	NA	NA	8900	5130	11500	2450	6400	6650	3750	8090
Selenium	180	3.9	0.29 J	ND (1)	0.43 J	0.6 J	0.37 J	0.13 J	0.2 J	0.41 J
Silver	180	2	0.069 J	ND (0.32)	0.11 J	0.089 J	0.08 J	ND (0.32)	ND (0.31)	0.25 J
Sodium	NA	NA	230	131	132	252	359	275	117	168
Thallium	NA	NA	0.37	0.3 J	0.47	0.16 J	0.32	0.33	0.41	0.41
Vanadium	NA	NA	63.5	34.1	99.1	23.4	50	50.7	29.6	46.1
Zinc	10000	109	102	238	77.2	90.7	101	65.7	75.2	192

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram

-: Not Analyzed
bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO) and Restricted-Use Residential SCOs.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE 2
SUMMARY OF SUB-SLAB SOIL VAPOR QUALITY DATA
101 EAST KINGSBRIDGE ROAD
BRONX, NEW YORK
FILE NO. 0213081

Location Name	SP-01	SP-02
Sample Name	SP-01-20250306	SP-02-20250306
Sample Date	03/06/2025	03/06/2025
Lab Sample ID	200-77236-1	200-77236-2
Volatile Organic Compounds (ug/m3)		
1,1,1-Trichloroethane	ND (11)	ND (1.1)
1,1,2,2-Tetrachloroethane	ND (14)	ND (1.4)
1,1,2-Trichloroethane	ND (11)	ND (1.1)
1,1-Dichloroethane	ND (8.1)	0.1 J
1,1-Dichloroethene	ND (2)	ND (0.2)
1,2,4-Trichlorobenzene	ND (37)	ND (3.7)
1,2,4-Trimethylbenzene	11	1.8
1,2-Dibromoethane (Ethylene Dibromide)	ND (15)	ND (1.5)
1,2-Dichlorobenzene	ND (12)	ND (1.2)
1,2-Dichloroethane	ND (8.1)	ND (0.81)
1,2-Dichloropropane	ND (9.2)	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	ND (14)	ND (1.4)
1,3,5-Trimethylbenzene	4.3 J	0.78 J
1,3-Butadiene	3.6 J	0.57
1,3-Dichlorobenzene	ND (12)	ND (1.2)
1,4-Dichlorobenzene	ND (12)	ND (1.2)
1,4-Dioxane	ND (180)	ND (18)
2,2,4-Trimethylpentane	17	2.1
2-Butanone (Methyl Ethyl Ketone)	ND (15)	2.4
2-Chlorotoluene	ND (10)	ND (1)
2-Hexanone (Methyl Butyl Ketone)	ND (20)	ND (2)
2-Phenylbutane (sec-Butylbenzene)	ND (11)	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	4.5 J	0.66 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND (20)	ND (2)
Acetone	260	110 D
Allyl chloride	ND (16)	ND (1.6)
Benzene	18	2.8
Benzyl Chloride (alpha-Chlorotoluene)	ND (10)	ND (1)
Bromodichloromethane	ND (13)	ND (1.3)
Bromoform	ND (21)	ND (2.1)
Bromomethane (Methyl Bromide)	ND (7.8)	ND (0.78)
Butane	320	27
Carbon disulfide	8.5 J	5
Carbon tetrachloride	ND (2.2)	0.35
Chlorobenzene	ND (9.2)	ND (0.92)
Chlorodifluoromethane	ND (18)	1.2 J
Chloroethane	ND (13)	ND (1.3)
Chloroform (Trichloromethane)	ND (9.8)	1
Chloromethane (Methyl Chloride)	ND (10)	1
cis-1,2-Dichloroethene	ND (2)	ND (0.2)
cis-1,3-Dichloropropene	ND (9.1)	ND (0.91)
Cyclohexane	5.2 J	1.1
Cymene (p-Isopropyltoluene)	ND (11)	ND (1.1)
Dibromochloromethane	ND (17)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	ND (25)	2.2 J
Ethylbenzene	2000 D	3.3
Hexachlorobutadiene	ND (21)	ND (2.1)
Hexane	24	2.4
Isopropyl Alcohol (2-Propanol)	ND (120)	ND (12)
Isopropylbenzene (Cumene)	33	3.4
m,p-Xylenes	6400 D	11
Methyl methacrylate	ND (20)	ND (2)
Methyl Tert Butyl Ether (MTBE)	ND (7.2)	ND (0.72)
Methylene chloride (Dichloromethane)	ND (17)	ND (1.7)
Naphthalene	ND (20)	ND (2)
n-Butylbenzene	ND (11)	ND (1.1)
N-Heptane	100	3
n-Propylbenzene	5.9 J	0.56 J
o-Xylene	1900 D	4.1
Styrene	ND (8.5)	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	ND (150)	4 J
tert-Butylbenzene	ND (11)	ND (1.1)
Tetrachloroethene	5.1 J	46
Tetrahydrofuran	ND (150)	ND (15)
Toluene	66	15
trans-1,2-Dichloroethene	ND (7.9)	ND (0.79)
trans-1,3-Dichloropropene	ND (9.1)	ND (0.91)
Trichloroethene	ND (2)	0.3
Trichlorofluoromethane (CFC-11)	ND (11)	1.2
Trifluorotrichloroethane (Freon 113)	ND (15)	0.48 J
Vinyl Bromide (Bromoethene)	ND (8.7)	ND (0.87)
Vinyl chloride	ND (2)	ND (0.2)
SUM of Volatile Organic Compounds	11186.1	254.8
SUM of BTEX	10384	36.2
SUM of CVOCs	5.1	46.65

ABBREVIATIONS AND NOTES:

$\mu g/m^3$: micrograms per cubic meter

-: Not Analyzed
BTEX: Benzene, Toluene, Ethylbenzene, Xylenes
CVOCs: Chlorinated volatile organic compounds
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- SUM of CVOCs includes the following compounds: carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, vinyl chloride

ATTACHMENT A

GEOPHYSICAL SURVEY REPORT

HALEY ALDRICH

JOB SUMMARY REPORT

Order Number:	Work Order #757641	**Job Date:**	Mar 6, 2025 9:33:00 AM
Customer:	33432 [CTN] HALEY AND ALDRICH INC : HALEY AND ALDRICH INC - BURLINGTON MA	**Billing Address:**	HALEY AND ALDRICH INC 70 BLANCHARD RD STE 204 BURLINGTON MA 01803 United States

JOB DETAILS

Jobsite Location	101 East Kingsbridge Rd, Bronx. NY 10468
Work Order Number	Work Order #757641
Job Number	
PO Number	

GPRS Project Manager: Vincent Anello

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS project manager on this project.

EQUIPMENT USED

The following equipment was used on this project:

- **Concrete GPR Antenna:** This GPR Antenna is handheld and rolls over the surface. The device displays scan data on a screen, and the operator marks detected objects on the surface in real-time. The antenna needs a reasonably smooth, unobstructed surface for scanning and cannot scan within 2”-4” of obstructions such as walls and metal tracks. Ideally, the client removes obstacles such as these before our work begins. The total effective scan depth can be as much as 18” or more with this antenna but can vary depending on the concrete conditions, composition, and other factors such as the spacing of the reinforcing. Depth accuracy depends on obtaining a precise depth calibration for the concrete. This device does not emit harmful radiation and can be safely operated while people are in close proximity. For more information, please visit: Link
- **Underground GPR Antenna:** This GPR Antenna uses frequencies ranging from 250 MHz to 450 MHz and is mounted in a stroller frame that rolls over the surface. Data is displayed on a screen and marked in the field in real time. The surface needs to be reasonably smooth and unobstructed to obtain readable scans. Obstructions such as curbs, landscaping, and vegetation will limit the efficacy of GPR. The total effective scan depth can be as much as 8’ or more with this antenna but can vary widely depending on the soil conditions and composition. Some soil types, such as clay, may limit maximum depths to 3’ or less. As depth increases, targets must be larger to be detected, and non-metallic targets can be challenging to locate. The depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. For more information, please visit: Link
- **EM Pipe Locator:** Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. For more information, please visit: Link

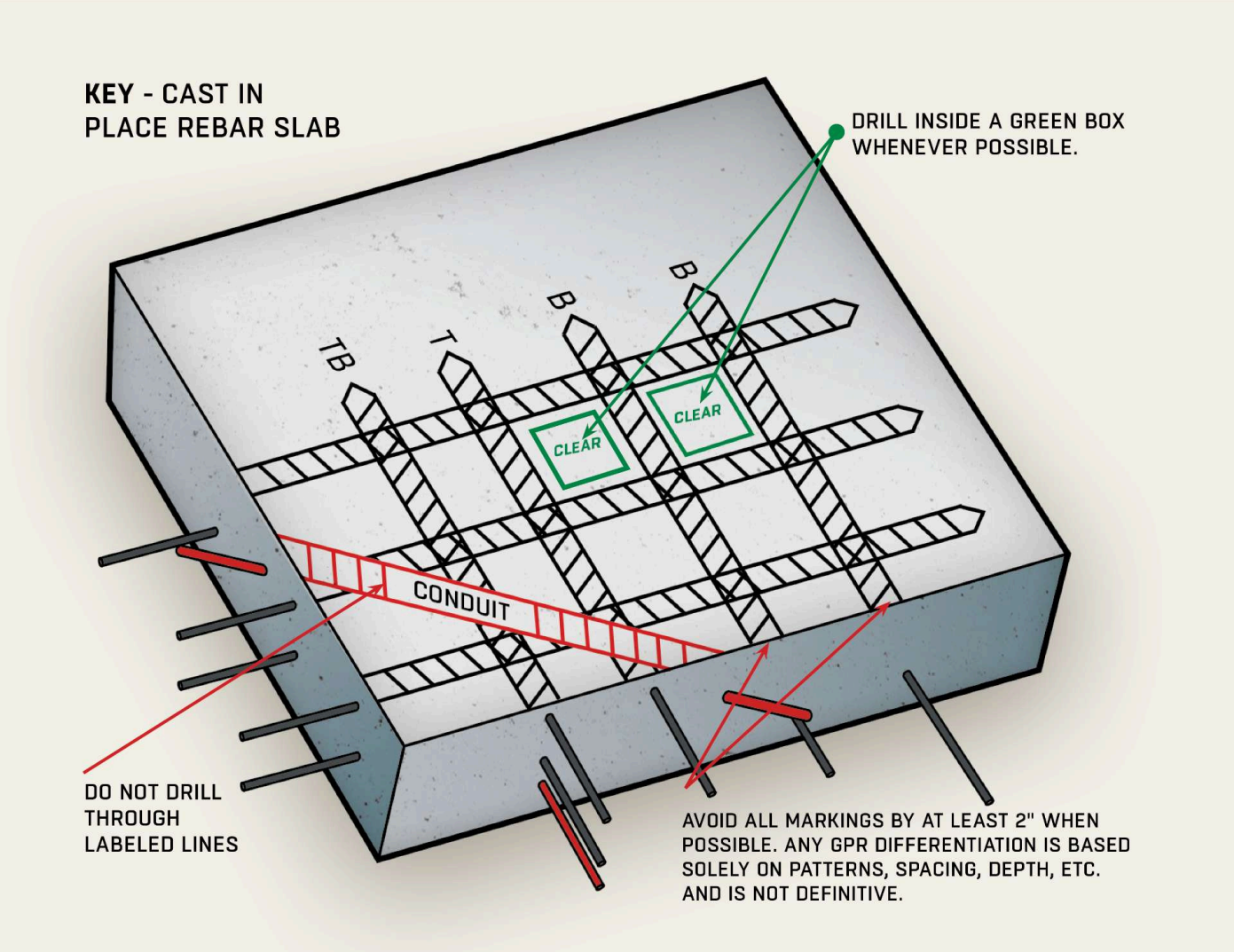
JOB SUMMARY REPORT

WORK PERFORMED

CORE DRILLING	
Client Provided Drawings	No
Scope of Work	Scan concrete floor as directed on site 8 locations
Quantity of Floor Cores / Areas	8
Approximate Slab Thickness (in)	3
Approximate GPR Effective Depth (in)	48
Slab Type	- Cast Place Rebar
Marking Medium	- Spray Paint
Green Box Provided	No
Results Notes	EM and Concrete scan floor for soil borings. Location is slab on grade,GPR cart used along with concrete scanner. EM response was received in one location and Unknowns detected using concrete scanner and marked with pink. Boring locations moved to avoid potential conflicts. Sanitary sewer line locations are unknown no access points or surface features found.

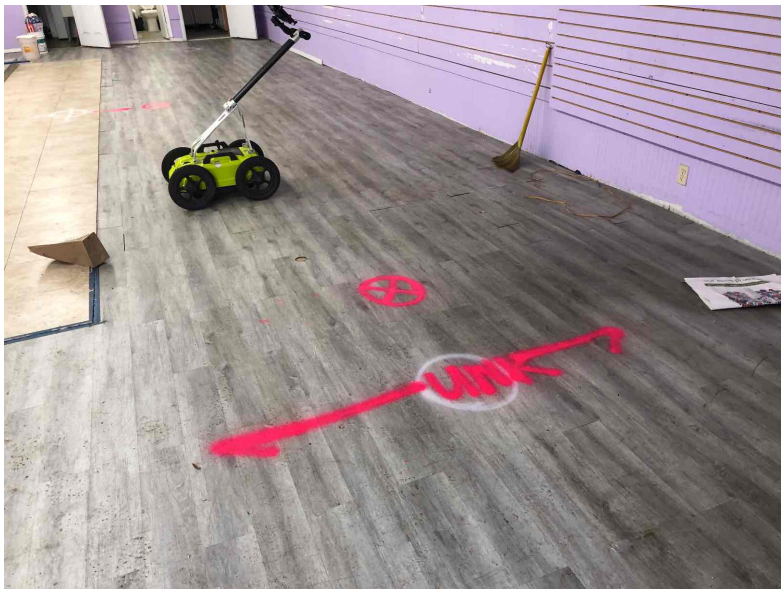
JOB SUMMARY REPORT

SUPPLEMENTAL INFORMATION

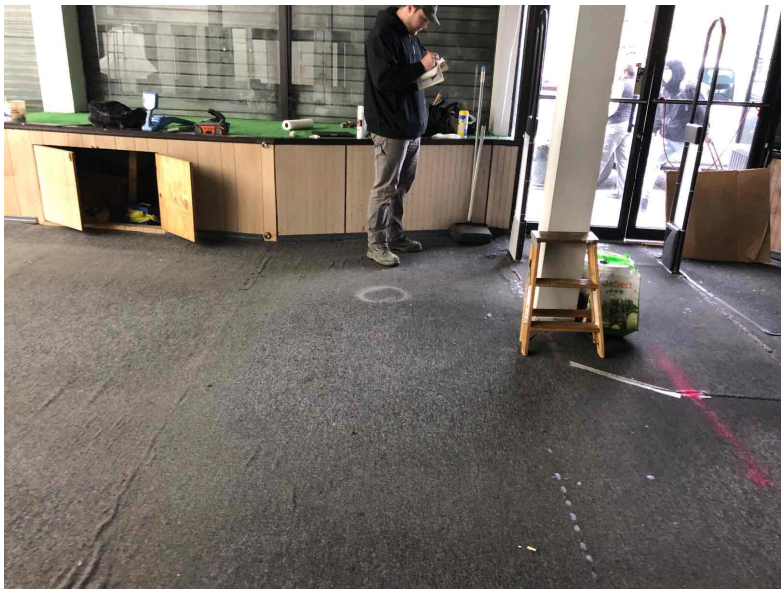


JOB SUMMARY REPORT

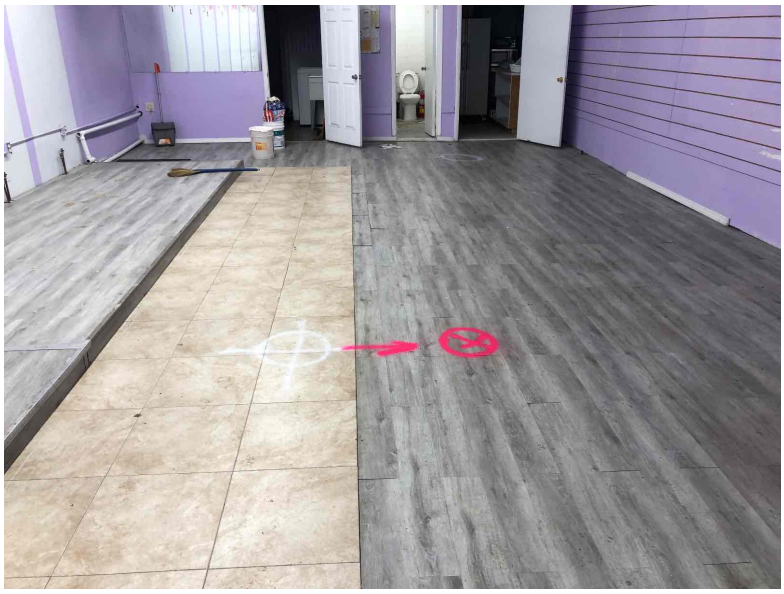
JOBSITE IMAGES



Jobsite Photo #1



Jobsite Photo #2



Jobsite Photo #3

Jobsite Photo #4

Jobsite Photo #5

Jobsite Photo #6

Jobsite Photo #7

Jobsite Photo #8

JOB SUMMARY REPORT

Jobsite Photo #9

CONTACT / SIGNATURE INFORMATION

Contact Information

Contact Name	MARIE CONLON	**Email**	MConlon@haleyaldrich.com

TERMS & CONDITIONS

http://www.gprsinc.com/termsandconditions.html

ATTACHMENT B

SOIL BORING LOGS

HALEY ALDRICH

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-01

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**3'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"					
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**	Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 3 ft bgs (Potentially Bedrock)
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry			
1		0	None	Dry	0.5-1	Black gravel [FILL]	Sample collected from 1-3 ft bgs
	24/36	0	None	Dry			
2		0	None	Dry	1-3	Brown fine to medium SAND, some gravel, trace clay [SP]	
		0	None	Dry			
3		0	None	Dry			
						EOB @ 3 ft bgs	
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	3
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-01

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-02

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**3'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"					
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**	Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 3 ft bgs (Potentially Bedrock)
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry	0.5-1	Tan SILT, black gravel [FILL]	
1		0	None	Dry			Sample collected from 1-3 ft bgs
	18/36	0	None	Dry	1-2.5	Brown fine to medium SAND, some silt, some gravel [SP]	
2		0	None	Dry			
		0	None	Dry	2.5-3	Dark brown fine to medium SAND, potential bedrock [SP]	
3		0	None	Dry			
						EOB @ 3 ft bgs	
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	3
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-02

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-03

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**4'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"					
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**	Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 4 ft bgs (Potentially Bedrock)
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry	0.5-1	Tan fine to medium SAND, some dark gray silt [FILL]	
1		0	None	Dry			
		0	None	Dry	1-3.5	Brown fine SAND, trace silt, some gravel [SP]	
2	48/48	0	None	Dry			
		0	None	Dry			Sample collected from 2-4 ft bgs
3		0	None	Dry			
		0	None	Dry			
4		0	None	Dry	3.5-4	Potential weathered bedrock	
						EOB @ 4 ft bgs	
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	4
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-03

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-04

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**3'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"					
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**	Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 3 ft bgs (Potentially Bedrock)
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry	0.5-1.5	Tan fine to medium SAND [SP]	
1		0	None	Dry			
	30/36	0	None	Dry	1.5-2.5	Gray fine to medium SAND, some gravel [SP]	Sample collected from 1-3 ft bgs
2		0	None	Dry			
		0	None	Dry			
3		0	None	Dry	2.5-3	Brown fine to medium SAND, trace gravel [SP]	
						EOB @ 3 ft bgs	
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	3
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-04

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-05

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**2'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"					
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**	Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 2 ft bgs (Potentially Bedrock)
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry	0.5-1	Brown CLAY, some gravel [CL]	Sample collected from 0-2 ft bgs
1	12/24	0	None	Dry			
		0	None	Dry	1-2	Brown fine SAND, some gravel, trace clay [SP]	
2		0	None	Dry			
						EOB @ 2 ft bgs	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	2
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-05

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-06

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**3'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"			Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 3 ft bgs (Potentially Bedrock)
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**			
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry	0.5-1	Brown CLAY, trace gravel [CL]	Sample collected from 0-2 ft bgs
1		0	None	Dry			
	26/36	0	None	Dry	1-3	Brown fine SAND, some gravel, some stone [SP]	
2		0	None	Dry			
		0	None	Dry			
3		0	None	Dry			
						EOB @ 3 ft bgs	
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	3
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-06

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-07

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**2'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"					
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**	Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 2 ft bgs (Potentially Bedrock)
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry	0.5-1	Tan SILT, black gravel [FILL]	Sample collected from 0-2 ft bgs
1	13/24	0	None	Dry			
		0	None	Dry	1-1.5	Brown fine to medium SAND, some gravel, stone [SP]	
2		0	None	Dry	1.5-2	Potential bedrock	
						EOB @ 2 ft bgs	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	2
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-07

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

SOIL BORING LOG

BORING NO. B-08

PROJECT	101 East Kingsbridge Road	**PROJECT #**	0213081
LOCATION	101 East Kingsbridge Road, Bronx, New York	**PROJECT MGR.**	Emily Butler
CLIENT	City Wide Builders c/o The Vaja Group	**FIELD REP.**	D. Freliech, C. Jackson
CONTRACTOR	Lakewood Environmental Services Corp.	**DATE STARTED**	3/6/2025
DRILLER	T. Kelly	**DATE FINISHED**	3/6/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Map			
Item	**Casing**	**Sampler**	**Rig Make & Model**	PowerProbe 9100-P		**Surface Conditions**	**Drilling Notes**
Type	Steel	5' Macrocore	**Completion Depth (ft.)**	**2'**	**Drilling Method**		
Inside Diameter (in.)	2"	2"					
Hammer Weight (lb.)	N/A	N/A	**Number of Samples**	**1**	Direct Push/Limited Access	Carpet & Concrete Slab	Refusal at 2 ft bgs (Potentially Bedrock)
Hammer Fall (in.)	N/A	N/A					

Depth (ft.)	Recovery (in/tot)	PID (ppm)	Odor	Moisture	Description Depth (ft)	Visual-Manual Identification & Description (Color, primary component NAME, secondary component, optional descriptions [SYMBOL])	Remarks (Sample Information, Depth of Casing, Other Tests, Fill Interval, etc.)
0					0-0.5	Concrete	
		0	None	Dry	0.5-0.75	Red SILT, solidified [FILL]	Sample collected from 0-2 ft bgs
1	16/24	0	None	Dry	0.75-1	Tan SILT, black gravel [FILL]	
		0	None	Dry			
2		0	None	Dry	1-2	Brown fine SAND, some stone [SP]	
						EOB @ 2 ft bgs	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Water

Well Construction Information

Type	Depth	Notes
		n/a

Summary

Overburden (Linear ft.)	2
Rock Cored (Linear ft.)	0
Number of Samples	1

BORING NO. B-08

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

ATTACHMENT C

SUB-SLAB SOIL VAPOR SAMPLING LOG

HALEY ALDRICH

SUB-SLAB SOIL VAPOR SAMPLING LOG

Project Name/Location: 101 East Kingsbridge Road Project Number: 0213081

Site: 101 East Kingsbridge Road
Date Collected: 3/6/2025
Personnel: D. Freliech, C. Jackson
Weather: 36-53 °F, Cloudy
Humidity: 62%

Sample ID	Caniser Size	Canister ID	Flow Controller ID	Sample Start Time	Canister Start Pressure ("Hg)	Sample End Time	Canister End Pressure ("Hg)	Sample Start Date	Sample Type	Analyses Method
SP-01	6L	4277	3470	10:55	-29.70	12:55	-6	3/6/2025	Sub Slab	TO-15
SP-02	6L	4158	5193	11:20	-30.00	13:20	-8	3/6/2025	Sub Slab	TO-15

Notes:
Summas and flow regulators provided by Eurofins Environmental Testing Northeast, LLC

Analyses for VOCs by Method TO-15

ATTACHMENT D

LABORATORY REPORTS

HALEY ALDRICH

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Nicole Mooney
Haley & Aldrich, Inc.
213 West 35th St
New York, New York 10001

Generated 3/13/2025 8:39:11 AM

JOB DESCRIPTION

101 East Kingsbridge Road

JOB NUMBER

460-321585-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
3/13/2025 8:39:11 AM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Haley & Aldrich, Inc.

Project: 101 East Kingsbridge Road

Report Number: 460-321585-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 3/6/2025 6:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples B-01_1-3 (460-321585-1), B-02_1-3 (460-321585-2), B-03_2-4 (460-321585-3), B-04_1-3 (460-321585-4), B-05_0-2 (460-321585-5), B-06_0-2 (460-321585-6), B-07_0-2 (460-321585-7) and B-08_0-2 (460-321585-8) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 03/09/2025 and analyzed on 03/10/2025 and 03/11/2025.

The continuing calibration verification (CCV) associated with batch 460-1024978 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples B-01_1-3 (460-321585-1), B-02_1-3 (460-321585-2), B-03_2-4 (460-321585-3), B-04_1-3 (460-321585-4), B-05_0-2 (460-321585-5), B-06_0-2 (460-321585-6), B-07_0-2 (460-321585-7) and B-08_0-2 (460-321585-8) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270E. The samples were prepared on 03/09/2025 and analyzed on 03/10/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1024993 was outside the method criteria for the following analyte(s): Benzaldehyde and Benzidine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

METALS - TOTAL (ICP/MS)

Samples B-01_1-3 (460-321585-1), B-02_1-3 (460-321585-2), B-03_2-4 (460-321585-3), B-04_1-3 (460-321585-4), B-05_0-2 (460-321585-5), B-06_0-2 (460-321585-6), B-07_0-2 (460-321585-7) and B-08_0-2 (460-321585-8) were analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared on 03/08/2025 and 03/09/2025 and analyzed on 03/10/2025 and 03/11/2025.

Iron and Lead failed the recovery criteria low for the MS of sample 460-321549-1 in batch 460-1025092. Several analytes failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MS of sample 460-321609-3 in batch 460-1025300. Aluminum, Magnesium and Potassium failed the recovery criteria high.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Lead exceeded the RPD limit for the duplicate of sample 460-321549-1. Several analytes exceeded the RPD limit for the duplicate of sample 460-321609-3. Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY - TOTAL

Samples B-01_1-3 (460-321585-1), B-02_1-3 (460-321585-2), B-03_2-4 (460-321585-3), B-04_1-3 (460-321585-4), B-05_0-2 (460-321585-5), B-06_0-2 (460-321585-6), B-07_0-2 (460-321585-7) and B-08_0-2 (460-321585-8) were analyzed for Mercury - Total in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 03/12/2025.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples B-01_1-3 (460-321585-1), B-02_1-3 (460-321585-2), B-03_2-4 (460-321585-3), B-04_1-3 (460-321585-4), B-05_0-2 (460-321585-5), B-06_0-2 (460-321585-6), B-07_0-2 (460-321585-7) and B-08_0-2 (460-321585-8) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 03/10/2025.

Percent Moisture exceeded the RPD limit for the duplicate of sample B-04_1-3DU (460-321585-4). Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-01_1-3 — Lab Sample ID: 460-321585-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.030	J	0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.049	J	0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.11		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.099		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.033	0.0087	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.062	J	0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.052		0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.22	J	0.33	0.018	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.099	J	0.33	0.016	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.029	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.022	J	0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.015	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.25	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.024	J	0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.072		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.017	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.21	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.16	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	15000		15.3	4.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.15	J	0.77	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	83.9		0.77	0.079	mg/Kg	1	☼	6020B	Total/NA
Barium	234		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.19	J	0.31	0.044	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.77	0.087	mg/Kg	1	☼	6020B	Total/NA
Calcium	8240		76.6	31.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	24.9		1.5	0.70	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.8		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	23.5		1.5	0.28	mg/Kg	1	☼	6020B	Total/NA
Iron	28400		46.0	15.5	mg/Kg	1	☼	6020B	Total/NA
Lead	59.6		0.46	0.15	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8090		76.6	7.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	280		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.6		1.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Potassium	8900		76.6	12.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.29	J	0.96	0.098	mg/Kg	1	☼	6020B	Total/NA
Silver	0.069	J	0.31	0.068	mg/Kg	1	☼	6020B	Total/NA
Sodium	230		76.6	35.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.37		0.31	0.031	mg/Kg	1	☼	6020B	Total/NA
Vanadium	63.5		1.5	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	102		6.1	2.3	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.56		0.015	0.0072	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B-02_1-3 — Lab Sample ID: 460-321585-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.017	J	0.33	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.016	J	0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.082		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.086		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.11		0.033	0.0087	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: B-02_1-3 (Continued)

Lab Sample ID: 460-321585-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.051	J	0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.044		0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.33		0.33	0.018	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.81		0.33	0.016	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.080	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.015	J	0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.15	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.057		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.064	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.12	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	11300		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.14	J	0.80	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.4		0.80	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	106		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.20	J	0.32	0.046	mg/Kg	1	☼	6020B	Total/NA
Cadmium	1.1		0.80	0.091	mg/Kg	1	☼	6020B	Total/NA
Calcium	2640		80.2	32.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	34.5		1.6	0.73	mg/Kg	1	☼	6020B	Total/NA
Cobalt	6.9		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	21.2		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA
Iron	17600		48.1	16.2	mg/Kg	1	☼	6020B	Total/NA
Lead	22.6		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6500		80.2	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	267		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	18.8		1.6	0.38	mg/Kg	1	☼	6020B	Total/NA
Potassium	5130		80.2	13.0	mg/Kg	1	☼	6020B	Total/NA
Sodium	131		80.2	36.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.30	J	0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	34.1		1.6	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	238		6.4	2.4	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.33		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B-03_2-4

Lab Sample ID: 460-321585-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0068		0.0056	0.0054	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0016		0.00094	0.00025	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00041	J	0.00094	0.00016	mg/Kg	1	☼	8260D	Total/NA
Aluminum	14700		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Arsenic	44.5		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	238		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.097	J	0.32	0.045	mg/Kg	1	☼	6020B	Total/NA
Calcium	1160		79.8	32.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	59.1		1.6	0.72	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	27.1		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	32500		47.9	16.1	mg/Kg	1	☼	6020B	Total/NA
Lead	4.3		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8240		79.8	8.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	271		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	21.2		1.6	0.37	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-03_2-4 (Continued)

Lab Sample ID: 460-321585-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	11500		79.8	12.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.43	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.11	J	0.32	0.071	mg/Kg	1	☼	6020B	Total/NA
Sodium	132		79.8	36.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.47		0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	99.1		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	77.2		6.4	2.4	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.063		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B-04_1-3

Lab Sample ID: 460-321585-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00043	J	0.0011	0.00035	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.025	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.063	J	0.34	0.0098	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.065	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.27		0.034	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.30		0.034	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.41		0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.23	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.16		0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.044	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.29	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.066		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.017	J	0.34	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.68		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.028	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0088	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.39		0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.42		0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6800		15.8	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.5		0.79	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.0		0.79	0.081	mg/Kg	1	☼	6020B	Total/NA
Barium	123		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.25	J	0.32	0.045	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	0.79	0.089	mg/Kg	1	☼	6020B	Total/NA
Calcium	10400		78.8	32.1	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.7		1.6	0.72	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.6		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	68.0		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	15700		47.3	15.9	mg/Kg	1	☼	6020B	Total/NA
Lead	80.2		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4180		78.8	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	190		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.1		1.6	0.37	mg/Kg	1	☼	6020B	Total/NA
Potassium	2450		78.8	12.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.60	J	0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Silver	0.089	J	0.32	0.070	mg/Kg	1	☼	6020B	Total/NA
Sodium	252		78.8	36.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.32	0.032	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-04_1-3 (Continued)

Lab Sample ID: 460-321585-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	23.4		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	90.7		6.3	2.4	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.16		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B-05_0-2

Lab Sample ID: 460-321585-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0027	J	0.0044	0.00032	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.023		0.0053	0.0050	mg/Kg	1	☼	8260D	Total/NA
Ethylbenzene	0.0016		0.00088	0.00018	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.0067		0.00088	0.00015	mg/Kg	1	☼	8260D	Total/NA
o-Xylene	0.0025		0.00088	0.00017	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.011	J	0.34	0.0096	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.055	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.037	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.24		0.034	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.25		0.034	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.31		0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.17	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.12		0.034	0.0066	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.26	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.046		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.44		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0080	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.16	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.38		0.34	0.0084	mg/Kg	1	☼	8270E	Total/NA
Aluminum	18000		15.5	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.27	J	0.78	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.6		0.78	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	217		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.33		0.31	0.044	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.15	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA
Calcium	10500		77.5	31.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	56.0		1.6	0.70	mg/Kg	1	☼	6020B	Total/NA
Cobalt	11.1		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	24.9		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	25200		46.5	15.7	mg/Kg	1	☼	6020B	Total/NA
Lead	56.8		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	9100		77.5	7.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	289		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	27.0		1.6	0.36	mg/Kg	1	☼	6020B	Total/NA
Potassium	6400		77.5	12.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.37	J	0.97	0.099	mg/Kg	1	☼	6020B	Total/NA
Silver	0.080	J	0.31	0.069	mg/Kg	1	☼	6020B	Total/NA
Sodium	359		77.5	35.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.32		0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	50.0		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	101		6.2	2.4	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.14		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-06_0-2 — Lab Sample ID: 460-321585-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00026	J	0.00089	0.00023	mg/Kg	1	☼	8260D	Total/NA
m-Xylene & p-Xylene	0.00048	J	0.00089	0.00015	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00034	J	0.00089	0.00021	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]pyrene	0.018	J	0.034	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.022	J	0.034	0.0087	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.34	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0087	J	0.034	0.0066	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.020	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.034	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.016	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.023	J	0.34	0.0084	mg/Kg	1	☼	8270E	Total/NA
Aluminum	15700		16.0	4.4	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.7		0.80	0.082	mg/Kg	1	☼	6020B	Total/NA
Barium	225		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.32	0.046	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.090	J	0.80	0.090	mg/Kg	1	☼	6020B	Total/NA
Calcium	3980		80.1	32.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	52.3		1.6	0.73	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.6		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	21.2		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	24800		48.0	16.2	mg/Kg	1	☼	6020B	Total/NA
Lead	9.0		0.48	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	7970		80.1	8.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	372		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	27.2		1.6	0.38	mg/Kg	1	☼	6020B	Total/NA
Potassium	6650		80.1	13.0	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.13	J	1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	275		80.1	36.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.33		0.32	0.033	mg/Kg	1	☼	6020B	Total/NA
Vanadium	50.7		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	65.7		6.4	2.4	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: B-07_0-2 — Lab Sample ID: 460-321585-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.014	J	0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.017	J	0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.011	J	0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0071	J	0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.22	J	0.33	0.018	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	1.0		0.33	0.016	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.016	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.033	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.021	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.025	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	16900		15.5	4.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.16	J	0.78	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.9		0.78	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	97.1		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.31	0.044	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.098	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-07_0-2 (Continued)

Lab Sample ID: 460-321585-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	5720		77.7	31.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	26.1		1.6	0.71	mg/Kg	1	☼	6020B	Total/NA
Cobalt	15.1		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	42.5		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	28500		46.6	15.7	mg/Kg	1	☼	6020B	Total/NA
Lead	32.5		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5020		77.7	7.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	337		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	23.2		1.6	0.37	mg/Kg	1	☼	6020B	Total/NA
Potassium	3750		77.7	12.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.20	J	0.97	0.099	mg/Kg	1	☼	6020B	Total/NA
Sodium	117		77.7	35.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.41		0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	29.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	75.2		6.2	2.4	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.079		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B-08_0-2

Lab Sample ID: 460-321585-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.039		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.036		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.048		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.033	J	0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.024	J	0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	2.2		0.33	0.018	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.037	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.015	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.043	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.029	J	0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.011	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.016	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.034	J	0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	13600		15.2	4.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.77		0.76	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	12.4		0.76	0.078	mg/Kg	1	☼	6020B	Total/NA
Barium	205		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.25	J	0.30	0.043	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.26	J	0.76	0.086	mg/Kg	1	☼	6020B	Total/NA
Calcium	15700		76.0	30.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.0		1.5	0.69	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.5		1.5	0.11	mg/Kg	1	☼	6020B	Total/NA
Copper	54.6		1.5	0.28	mg/Kg	1	☼	6020B	Total/NA
Iron	36800		45.6	15.3	mg/Kg	1	☼	6020B	Total/NA
Lead	152		0.46	0.15	mg/Kg	1	☼	6020B	Total/NA
Magnesium	10700		76.0	7.8	mg/Kg	1	☼	6020B	Total/NA
Manganese	388		3.0	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.3		1.5	0.36	mg/Kg	1	☼	6020B	Total/NA
Potassium	8090		76.0	12.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.41	J	0.95	0.097	mg/Kg	1	☼	6020B	Total/NA
Silver	0.25	J	0.30	0.068	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: B-08_0-2 (Continued)

Lab Sample ID: 460-321585-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	168		76.0	34.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.41		0.30	0.031	mg/Kg	1	☼	6020B	Total/NA
Vanadium	46.1		1.5	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	192		6.1	2.3	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.67		0.017	0.0078	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-01_1-3
Date Collected: 03/06/25 10:15
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-1
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
1,4-Dioxane	0.12	U	0.12	0.011	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Acetone	0.0075	U	0.0075	0.0071	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Acrolein	0.12	U	0.12	0.035	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Acrylonitrile	0.012	U	0.012	0.0060	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Benzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Ethylbenzene	0.0012	U	0.0012	0.00025	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
TBA	0.012	U	0.012	0.0097	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1

Client Sample ID: B-01_1-3
Date Collected: 03/06/25 10:15
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-1
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	03/09/25 07:50	03/11/25 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*03/09/25 07:50*	*03/11/25 21:25*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*03/09/25 07:50*	*03/11/25 21:25*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*03/09/25 07:50*	*03/11/25 21:25*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*03/09/25 07:50*	*03/11/25 21:25*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2-Methylnaphthalene	0.33	U	0.33	0.0094	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
2-Nitrophenol	0.33	U	0.33	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.051	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Acenaphthene	**0.030**	**J**	0.33	0.0095	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Anthracene	**0.049**	**J**	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Benzidine	0.33	U	0.33	0.070	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-01_1-3
Date Collected: 03/06/25 10:15
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-1
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.11**		0.033	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Benzo[a]pyrene	**0.099**		0.033	0.0089	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Benzo[b]fluoranthene	**0.13**		0.033	0.0087	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Benzo[g,h,i]perylene	**0.062**	**J**	0.33	0.0099	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Benzo[k]fluoranthene	**0.052**		0.033	0.0066	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Bis(2-ethylhexyl) phthalate	**0.22**	**J**	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Butyl benzyl phthalate	**0.099**	**J**	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Carbazole	**0.029**	**J**	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Chrysene	**0.11**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Dibenz(a,h)anthracene	**0.022**	**J**	0.033	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Dibenzofuran	**0.015**	**J**	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Fluoranthene	**0.25**	**J**	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Fluorene	**0.024**	**J**	0.33	0.0098	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Indeno[1,2,3-cd]pyrene	**0.072**		0.033	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Naphthalene	**0.017**	**J**	0.33	0.0058	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
N-Nitrosodimethylamine	0.33	U	0.33	0.031	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.028	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Phenanthrene	**0.21**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1
Pyrene	**0.16**	**J**	0.33	0.0083	mg/Kg	☼	03/09/25 18:35	03/10/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*24 - 137*	*03/09/25 18:35*	*03/10/25 14:20*	*1*
2-Fluorobiphenyl	*76*		*38 - 128*	*03/09/25 18:35*	*03/10/25 14:20*	*1*
2-Fluorophenol (Surr)	*75*		*31 - 133*	*03/09/25 18:35*	*03/10/25 14:20*	*1*
Nitrobenzene-d5 (Surr)	*71*		*31 - 120*	*03/09/25 18:35*	*03/10/25 14:20*	*1*
Phenol-d5 (Surr)	*77*		*35 - 132*	*03/09/25 18:35*	*03/10/25 14:20*	*1*
Terphenyl-d14 (Surr)	*79*		*44 - 147*	*03/09/25 18:35*	*03/10/25 14:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15000**		15.3	4.2	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Antimony	**0.15**	**J**	0.77	0.11	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Arsenic	**83.9**		0.77	0.079	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Barium	**234**		1.5	0.11	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1

Client Sample ID: B-01_1-3

Date Collected: 03/06/25 10:15
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-1

Matrix: Solid
Percent Solids: 98.9

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.19	J	0.31	0.044	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Cadmium	0.14	J	0.77	0.087	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Calcium	8240		76.6	31.2	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Chromium	24.9		1.5	0.70	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Cobalt	11.8		1.5	0.11	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Copper	23.5		1.5	0.28	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Iron	28400		46.0	15.5	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Lead	59.6		0.46	0.15	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Magnesium	8090		76.6	7.8	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Manganese	280		3.1	0.31	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Nickel	14.6		1.5	0.36	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Potassium	8900		76.6	12.4	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Selenium	0.29	J	0.96	0.098	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Silver	0.069	J	0.31	0.068	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Sodium	230		76.6	35.0	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Thallium	0.37		0.31	0.031	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Vanadium	63.5		1.5	0.16	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1
Zinc	102		6.1	2.3	mg/Kg	☼	03/08/25 19:50	03/10/25 21:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.56		0.015	0.0072	mg/Kg	☼	03/12/25 00:56	03/12/25 05:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.1		1.0	1.0	%			03/10/25 07:39	1
Percent Solids (EPA Moisture)	98.9		1.0	1.0	%			03/10/25 07:39	1

Client Sample ID: B-02_1-3

Date Collected: 03/06/25 11:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-2

Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00018	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00015	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00018	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00016	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00019	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
1,4-Dioxane	0.086	U	0.086	0.0079	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1

Client Sample ID: B-02_1-3
Date Collected: 03/06/25 11:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-2
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Acrolein	0.086	U	0.086	0.024	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Acrylonitrile	0.0086	U	0.0086	0.0042	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Benzene	0.00086	U	0.00086	0.00022	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Chlorobenzene	0.00086	U	0.00086	0.00015	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Chlorobromomethane	0.00086	U	0.00086	0.00024	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Chlorodibromomethane	0.00086	U	0.00086	0.00017	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Chloroform	0.00086	U	0.00086	0.00084	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Chloromethane	0.00086	U	0.00086	0.00038	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00024	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Ethylbenzene	0.00086	U	0.00086	0.00017	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Ethylene Dibromide	0.00086	U	0.00086	0.00016	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Isopropylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Methylene Chloride	0.0017	U	0.0017	0.00099	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00015	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
o-Xylene	0.00086	U	0.00086	0.00017	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
TBA	0.0086	U	0.0086	0.0068	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	03/09/25 07:54	03/10/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*03/09/25 07:54*	*03/10/25 11:57*	*1*
4-Bromofluorobenzene	*91*		*71 - 128*	*03/09/25 07:54*	*03/10/25 11:57*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*03/09/25 07:54*	*03/10/25 11:57*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*03/09/25 07:54*	*03/10/25 11:57*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1

Client Sample ID: B-02_1-3
Date Collected: 03/06/25 11:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-2
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2-Methylnaphthalene	0.33	U	0.33	0.0094	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.051	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Acenaphthylene	**0.017**	**J**	0.33	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Anthracene	**0.016**	**J**	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Benzidine	0.33	U	0.33	0.070	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Benzo[a]anthracene	**0.082**		0.033	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Benzo[a]pyrene	**0.086**		0.033	0.0089	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Benzo[b]fluoranthene	**0.11**		0.033	0.0087	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Benzo[g,h,i]perylene	**0.051**	**J**	0.33	0.0099	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Benzo[k]fluoranthene	**0.044**		0.033	0.0066	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Bis(2-ethylhexyl) phthalate	**0.33**		0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Butyl benzyl phthalate	**0.81**		0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Chrysene	**0.080**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Dibenz(a,h)anthracene	**0.015**	**J**	0.033	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1

Client Sample ID: B-02_1-3
Date Collected: 03/06/25 11:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-2
Matrix: Solid
Percent Solids: 98.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Fluoranthene	**0.15**	**J**	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Indeno[1,2,3-cd]pyrene	**0.057**		0.033	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
N-Nitrosodimethylamine	0.33	U	0.33	0.031	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Phenanthrene	**0.064**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1
Pyrene	**0.12**	**J**	0.33	0.0083	mg/Kg	☼	03/09/25 18:35	03/10/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*24 - 137*	*03/09/25 18:35*	*03/10/25 14:42*	*1*
2-Fluorobiphenyl	*62*		*38 - 128*	*03/09/25 18:35*	*03/10/25 14:42*	*1*
2-Fluorophenol (Surr)	*59*		*31 - 133*	*03/09/25 18:35*	*03/10/25 14:42*	*1*
Nitrobenzene-d5 (Surr)	*51*		*31 - 120*	*03/09/25 18:35*	*03/10/25 14:42*	*1*
Phenol-d5 (Surr)	*61*		*35 - 132*	*03/09/25 18:35*	*03/10/25 14:42*	*1*
Terphenyl-d14 (Surr)	*80*		*44 - 147*	*03/09/25 18:35*	*03/10/25 14:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11300**		16.0	4.4	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Antimony	**0.14**	**J**	0.80	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Arsenic	**2.4**		0.80	0.083	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Barium	**106**		1.6	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Beryllium	**0.20**	**J**	0.32	0.046	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Cadmium	**1.1**		0.80	0.091	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Calcium	**2640**		80.2	32.7	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Chromium	**34.5**		1.6	0.73	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Cobalt	**6.9**		1.6	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Copper	**21.2**		1.6	0.30	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Iron	**17600**		48.1	16.2	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Lead	**22.6**		0.48	0.16	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Magnesium	**6500**		80.2	8.2	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Manganese	**267**		3.2	0.32	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Nickel	**18.8**		1.6	0.38	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Potassium	**5130**		80.2	13.0	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Selenium	1.0	U	1.0	0.10	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Sodium	**131**		80.2	36.7	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Thallium	**0.30**	**J**	0.32	0.033	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1

Client Sample ID: B-02_1-3
Lab Sample ID: 460-321585-2
Date Collected: 03/06/25 11:25
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 98.9

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	34.1		1.6	0.17	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1
Zinc	238		6.4	2.4	mg/Kg	☼	03/08/25 19:50	03/10/25 21:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.33		0.017	0.0080	mg/Kg	☼	03/12/25 00:56	03/12/25 05:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.1		1.0	1.0	%			03/10/25 07:39	1
Percent Solids (EPA Moisture)	98.9		1.0	1.0	%			03/10/25 07:39	1

Client Sample ID: B-03_2-4
Lab Sample ID: 460-321585-3
Date Collected: 03/06/25 10:50
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00094	U	0.00094	0.00022	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,1,2,2-Tetrachloroethane	0.00094	U	0.00094	0.00020	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,1,2-Trichloroethane	0.00094	U	0.00094	0.00017	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,1-Dichloroethane	0.00094	U	0.00094	0.00019	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,1-Dichloroethene	0.00094	U	0.00094	0.00021	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,2,3-Trichlorobenzene	0.00094	U	0.00094	0.00017	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,2,4-Trichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,2-Dibromo-3-Chloropropane	0.00094	U	0.00094	0.00043	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,2-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,2-Dichloroethane	0.00094	U	0.00094	0.00028	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,2-Dichloropropane	0.00094	U	0.00094	0.00040	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,3-Dichlorobenzene	0.00094	U	0.00094	0.00034	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,4-Dichlorobenzene	0.00094	U	0.00094	0.00021	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
1,4-Dioxane	0.094	U	0.094	0.0086	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00034	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Acetone	0.0068		0.0056	0.0054	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Acrolein	0.094	U	0.094	0.026	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Acrylonitrile	0.0094	U	0.0094	0.0046	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Benzene	0.00094	U	0.00094	0.00024	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Bromoform	0.00094	U	0.00094	0.00040	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Bromomethane	0.0019	U	0.0019	0.00094	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Carbon disulfide	0.0016		0.00094	0.00025	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Carbon tetrachloride	0.00094	U	0.00094	0.00036	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Chlorobenzene	0.00094	U	0.00094	0.00017	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Chlorobromomethane	0.00094	U	0.00094	0.00026	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Chlorodibromomethane	0.00094	U	0.00094	0.00018	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Chloroethane	0.00094	U	0.00094	0.00049	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Chloroform	0.00094	U	0.00094	0.00091	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Chloromethane	0.00094	U	0.00094	0.00041	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1

Client Sample ID: B-03_2-4
Date Collected: 03/06/25 10:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-3
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00094	U	0.00094	0.00034	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
cis-1,3-Dichloropropene	0.00094	U	0.00094	0.00026	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Cyclohexane	0.00094	U	0.00094	0.00021	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Dichlorobromomethane	0.00094	U	0.00094	0.00024	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Dichlorodifluoromethane	0.00094	U	0.00094	0.00032	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Ethylbenzene	0.00094	U	0.00094	0.00019	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Ethylene Dibromide	0.00094	U	0.00094	0.00017	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Isopropylbenzene	0.00094	U	0.00094	0.00027	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Methyl acetate	0.0047	U	0.0047	0.0040	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Methyl tert-butyl ether	0.00094	U	0.00094	0.00048	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Methylcyclohexane	0.00094	U	0.00094	0.00047	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
m-Xylene & p-Xylene	**0.00041**	**J**	0.00094	0.00016	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
o-Xylene	0.00094	U	0.00094	0.00018	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Styrene	0.00094	U	0.00094	0.00026	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
TBA	0.0094	U	0.0094	0.0073	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Tetrachloroethene	0.00094	U	0.00094	0.00029	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Toluene	0.00094	U	0.00094	0.00022	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
trans-1,2-Dichloroethene	0.00094	U	0.00094	0.00023	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
trans-1,3-Dichloropropene	0.00094	U	0.00094	0.00025	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Trichloroethene	0.00094	U	0.00094	0.00030	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Trichlorofluoromethane	0.00094	U	0.00094	0.00038	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1
Vinyl chloride	0.00094	U	0.00094	0.00051	mg/Kg	☼	03/09/25 07:58	03/10/25 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*03/09/25 07:58*	*03/10/25 09:27*	*1*
4-Bromofluorobenzene	*97*		*71 - 128*	*03/09/25 07:58*	*03/10/25 09:27*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*03/09/25 07:58*	*03/10/25 09:27*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*03/09/25 07:58*	*03/10/25 09:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2-Methylnaphthalene	0.33	U	0.33	0.0094	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2-Methylphenol	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2-Nitroaniline	0.33	U	0.33	0.026	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
2-Nitrophenol	0.33	U	0.33	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-03_2-4
Date Collected: 03/06/25 10:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-3
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	0.13	U	0.13	0.051	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
3-Nitroaniline	0.33	U	0.33	0.080	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Anthracene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Benzidine	0.33	U	0.33	0.070	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Benzo[a]pyrene	0.033	U	0.033	0.0089	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0087	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0099	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0066	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Chrysene	0.33	U	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.015	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Hexachloroethane	0.033	U	0.033	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
N-Nitrosodimethylamine	0.33	U	0.33	0.031	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.028	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1

Client Sample ID: B-03_2-4

Date Collected: 03/06/25 10:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-3

Matrix: Solid
Percent Solids: 98.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.33	U	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1
Pyrene	0.33	U	0.33	0.0083	mg/Kg	☼	03/09/25 18:35	03/10/25 10:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*24 - 137*	*03/09/25 18:35*	*03/10/25 10:35*	*1*
2-Fluorobiphenyl	*68*		*38 - 128*	*03/09/25 18:35*	*03/10/25 10:35*	*1*
2-Fluorophenol (Surr)	*68*		*31 - 133*	*03/09/25 18:35*	*03/10/25 10:35*	*1*
Nitrobenzene-d5 (Surr)	*62*		*31 - 120*	*03/09/25 18:35*	*03/10/25 10:35*	*1*
Phenol-d5 (Surr)	*67*		*35 - 132*	*03/09/25 18:35*	*03/10/25 10:35*	*1*
Terphenyl-d14 (Surr)	*67*		*44 - 147*	*03/09/25 18:35*	*03/10/25 10:35*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14700**		16.0	4.4	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Antimony	0.80	U	0.80	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Arsenic	**44.5**		0.80	0.082	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Barium	**238**		1.6	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Beryllium	**0.097**	**J**	0.32	0.045	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Cadmium	0.80	U	0.80	0.090	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Calcium	**1160**		79.8	32.5	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Chromium	**59.1**		1.6	0.72	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Cobalt	**8.7**		1.6	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Copper	**27.1**		1.6	0.29	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Iron	**32500**		47.9	16.1	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Lead	**4.3**		0.48	0.16	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Magnesium	**8240**		79.8	8.1	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Manganese	**271**		3.2	0.32	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Nickel	**21.2**		1.6	0.37	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Potassium	**11500**		79.8	12.9	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Selenium	**0.43**	**J**	1.0	0.10	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Silver	**0.11**	**J**	0.32	0.071	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Sodium	**132**		79.8	36.5	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Thallium	**0.47**		0.32	0.033	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Vanadium	**99.1**		1.6	0.16	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1
Zinc	**77.2**		6.4	2.4	mg/Kg	☼	03/08/25 19:50	03/10/25 21:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.063**		0.016	0.0077	mg/Kg	☼	03/12/25 00:56	03/12/25 05:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.3**		1.0	1.0	%			03/10/25 07:39	1
Percent Solids (EPA Moisture)	**98.7**		1.0	1.0	%			03/10/25 07:39	1

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-04_1-3
Date Collected: 03/06/25 10:45
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-4
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00021	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
1,4-Dioxane	0.11	U	0.11	0.010	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Acrolein	0.11	U	0.11	0.032	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Acrylonitrile	0.011	U	0.011	0.0055	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Benzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Chlorobromomethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Chlorodibromomethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Ethylbenzene	0.0011	U	0.0011	0.00023	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
o-Xylene	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
TBA	0.011	U	0.011	0.0089	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Tetrachloroethene	**0.00043**	**J**	0.0011	0.00035	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1

Client Sample ID: B-04_1-3
Date Collected: 03/06/25 10:45
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-4
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	03/09/25 08:03	03/10/25 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*	*03/09/25 08:03*	*03/10/25 09:52*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*03/09/25 08:03*	*03/10/25 09:52*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*03/09/25 08:03*	*03/10/25 09:52*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*03/09/25 08:03*	*03/10/25 09:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
1,2-Diphenylhydrazine	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Acenaphthene	**0.025**	**J**	0.34	0.0097	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Acenaphthylene	**0.063**	**J**	0.34	0.0098	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Anthracene	**0.065**	**J**	0.34	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Benzidine	0.34	U	0.34	0.072	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1

Client Sample ID: B-04_1-3
Date Collected: 03/06/25 10:45
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-4
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**0.27**		0.034	0.026	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Benzo[a]pyrene	**0.30**		0.034	0.0091	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Benzo[b]fluoranthene	**0.41**		0.034	0.0088	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Benzo[g,h,i]perylene	**0.23**	**J**	0.34	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Benzo[k]fluoranthene	**0.16**		0.034	0.0067	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Carbazole	**0.044**	**J**	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Chrysene	**0.29**	**J**	0.34	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Dibenz(a,h)anthracene	**0.066**		0.034	0.015	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Dibenzofuran	**0.017**	**J**	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Fluoranthene	**0.68**		0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Fluorene	**0.028**	**J**	0.34	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.034	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Naphthalene	**0.0088**	**J**	0.34	0.0059	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
N-Nitrosodimethylamine	0.34	U	0.34	0.032	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Phenanthrene	**0.39**		0.34	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1
Pyrene	**0.42**		0.34	0.0085	mg/Kg	☼	03/09/25 18:35	03/10/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*24 - 137*	*03/09/25 18:35*	*03/10/25 15:04*	*1*
2-Fluorobiphenyl	*63*		*38 - 128*	*03/09/25 18:35*	*03/10/25 15:04*	*1*
2-Fluorophenol (Surr)	*59*		*31 - 133*	*03/09/25 18:35*	*03/10/25 15:04*	*1*
Nitrobenzene-d5 (Surr)	*57*		*31 - 120*	*03/09/25 18:35*	*03/10/25 15:04*	*1*
Phenol-d5 (Surr)	*63*		*35 - 132*	*03/09/25 18:35*	*03/10/25 15:04*	*1*
Terphenyl-d14 (Surr)	*72*		*44 - 147*	*03/09/25 18:35*	*03/10/25 15:04*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6800**		15.8	4.3	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Antimony	**1.5**		0.79	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Arsenic	**4.0**		0.79	0.081	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Barium	**123**		1.6	0.11	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1

Client Sample ID: B-04_1-3

Date Collected: 03/06/25 10:45
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-4

Matrix: Solid
Percent Solids: 96.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.25	J	0.32	0.045	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Cadmium	0.19	J	0.79	0.089	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Calcium	10400		78.8	32.1	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Chromium	16.7		1.6	0.72	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Cobalt	5.6		1.6	0.12	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Copper	68.0		1.6	0.29	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Iron	15700		47.3	15.9	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Lead	80.2		0.47	0.16	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Magnesium	4180		78.8	8.0	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Manganese	190		3.2	0.32	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Nickel	15.1		1.6	0.37	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Potassium	2450		78.8	12.8	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Selenium	0.60	J	0.99	0.10	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Silver	0.089	J	0.32	0.070	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Sodium	252		78.8	36.0	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Thallium	0.16	J	0.32	0.032	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Vanadium	23.4		1.6	0.16	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1
Zinc	90.7		6.3	2.4	mg/Kg	☼	03/08/25 19:50	03/10/25 21:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.017	0.0081	mg/Kg	☼	03/12/25 00:56	03/12/25 05:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.2		1.0	1.0	%			03/10/25 07:39	1
Percent Solids (EPA Moisture)	96.8		1.0	1.0	%			03/10/25 07:39	1

Client Sample ID: B-05_0-2

Date Collected: 03/06/25 09:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-5

Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00088	U	0.00088	0.00021	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,1,2,2-Tetrachloroethane	0.00088	U	0.00088	0.00019	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00088	U	0.00088	0.00027	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,1,2-Trichloroethane	0.00088	U	0.00088	0.00016	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,1-Dichloroethane	0.00088	U	0.00088	0.00018	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,1-Dichloroethene	0.00088	U	0.00088	0.00020	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,2,3-Trichlorobenzene	0.00088	U	0.00088	0.00016	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,2,4-Trichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,2-Dibromo-3-Chloropropane	0.00088	U	0.00088	0.00041	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,2-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,2-Dichloroethane	0.00088	U	0.00088	0.00026	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,2-Dichloropropane	0.00088	U	0.00088	0.00037	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,3-Dichlorobenzene	0.00088	U	0.00088	0.00032	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,4-Dichlorobenzene	0.00088	U	0.00088	0.00020	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
1,4-Dioxane	0.088	U	0.088	0.0081	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
2-Butanone (MEK)	0.0027	J	0.0044	0.00032	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1

Client Sample ID: B-05_0-2

Date Collected: 03/06/25 09:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-5

Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Acetone	**0.023**		0.0053	0.0050	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Acrolein	0.088	U	0.088	0.025	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Acrylonitrile	0.0088	U	0.0088	0.0043	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Benzene	0.00088	U	0.00088	0.00023	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Bromoform	0.00088	U	0.00088	0.00037	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Bromomethane	0.0018	U	0.0018	0.00088	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Carbon disulfide	0.00088	U	0.00088	0.00023	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Carbon tetrachloride	0.00088	U	0.00088	0.00034	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Chlorobenzene	0.00088	U	0.00088	0.00016	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Chlorobromomethane	0.00088	U	0.00088	0.00025	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Chlorodibromomethane	0.00088	U	0.00088	0.00017	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Chloroethane	0.00088	U	0.00088	0.00046	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Chloroform	0.00088	U	0.00088	0.00085	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Chloromethane	0.00088	U	0.00088	0.00038	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
cis-1,2-Dichloroethene	0.00088	U	0.00088	0.00032	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
cis-1,3-Dichloropropene	0.00088	U	0.00088	0.00024	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Cyclohexane	0.00088	U	0.00088	0.00019	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Dichlorobromomethane	0.00088	U	0.00088	0.00023	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Dichlorodifluoromethane	0.00088	U	0.00088	0.00030	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Ethylbenzene	**0.0016**		0.00088	0.00018	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Ethylene Dibromide	0.00088	U	0.00088	0.00016	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Isopropylbenzene	0.00088	U	0.00088	0.00025	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Methyl tert-butyl ether	0.00088	U	0.00088	0.00045	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Methylcyclohexane	0.00088	U	0.00088	0.00044	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
m-Xylene & p-Xylene	**0.0067**		0.00088	0.00015	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
o-Xylene	**0.0025**		0.00088	0.00017	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Styrene	0.00088	U	0.00088	0.00024	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
TBA	0.0088	U	0.0088	0.0069	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Tetrachloroethene	0.00088	U	0.00088	0.00027	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Toluene	0.00088	U	0.00088	0.00021	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
trans-1,2-Dichloroethene	0.00088	U	0.00088	0.00022	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
trans-1,3-Dichloropropene	0.00088	U	0.00088	0.00023	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Trichloroethene	0.00088	U	0.00088	0.00028	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Trichlorofluoromethane	0.00088	U	0.00088	0.00036	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1
Vinyl chloride	0.00088	U	0.00088	0.00048	mg/Kg	☼	03/09/25 08:07	03/10/25 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*65 - 138*	*03/09/25 08:07*	*03/10/25 10:17*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*03/09/25 08:07*	*03/10/25 10:17*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*03/09/25 08:07*	*03/10/25 10:17*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*03/09/25 08:07*	*03/10/25 10:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1

Client Sample ID: B-05_0-2
Date Collected: 03/06/25 09:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-5
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Diphenylhydrazine	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,4-Dinitrotoluene	0.069	U	0.069	0.036	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2,6-Dinitrotoluene	0.069	U	0.069	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Acenaphthene	**0.011**	**J**	0.34	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Acenaphthylene	**0.055**	**J**	0.34	0.0097	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Anthracene	**0.037**	**J**	0.34	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Benzidine	0.34	U	0.34	0.071	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Benzo[a]anthracene	**0.24**		0.034	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Benzo[a]pyrene	**0.25**		0.034	0.0090	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Benzo[b]fluoranthene	**0.31**		0.034	0.0088	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Benzo[g,h,i]perylene	**0.17**	**J**	0.34	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Benzo[k]fluoranthene	**0.12**		0.034	0.0066	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Chrysene	**0.26**	**J**	0.34	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Dibenz(a,h)anthracene	**0.046**		0.034	0.015	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1

Client Sample ID: B-05_0-2

Date Collected: 03/06/25 09:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-5

Matrix: Solid
Percent Solids: 97.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Fluoranthene	**0.44**		0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.034	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Naphthalene	**0.0080**	**J**	0.34	0.0059	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
N-Nitrosodimethylamine	0.34	U	0.34	0.031	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Phenanthrene	**0.16**	**J**	0.34	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1
Pyrene	**0.38**		0.34	0.0084	mg/Kg	☼	03/09/25 18:35	03/10/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*24 - 137*	*03/09/25 18:35*	*03/10/25 15:27*	*1*
2-Fluorobiphenyl	*73*		*38 - 128*	*03/09/25 18:35*	*03/10/25 15:27*	*1*
2-Fluorophenol (Surr)	*75*		*31 - 133*	*03/09/25 18:35*	*03/10/25 15:27*	*1*
Nitrobenzene-d5 (Surr)	*71*		*31 - 120*	*03/09/25 18:35*	*03/10/25 15:27*	*1*
Phenol-d5 (Surr)	*75*		*35 - 132*	*03/09/25 18:35*	*03/10/25 15:27*	*1*
Terphenyl-d14 (Surr)	*74*		*44 - 147*	*03/09/25 18:35*	*03/10/25 15:27*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18000**		15.5	4.3	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Antimony	**0.27**	**J**	0.78	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Arsenic	**4.6**		0.78	0.080	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Barium	**217**		1.6	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Beryllium	**0.33**		0.31	0.044	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Cadmium	**0.15**	**J**	0.78	0.088	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Calcium	**10500**		77.5	31.6	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Chromium	**56.0**		1.6	0.70	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Cobalt	**11.1**		1.6	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Copper	**24.9**		1.6	0.29	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Iron	**25200**		46.5	15.7	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Lead	**56.8**		0.47	0.16	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Magnesium	**9100**		77.5	7.9	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Manganese	**289**		3.1	0.31	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Nickel	**27.0**		1.6	0.36	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Potassium	**6400**		77.5	12.6	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Selenium	**0.37**	**J**	0.97	0.099	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Silver	**0.080**	**J**	0.31	0.069	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Sodium	**359**		77.5	35.4	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Thallium	**0.32**		0.31	0.032	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1

Client Sample ID: B-05_0-2
Lab Sample ID: 460-321585-5
Date Collected: 03/06/25 09:25
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 97.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	50.0		1.6	0.16	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1
Zinc	101		6.2	2.4	mg/Kg	☼	03/09/25 17:00	03/11/25 18:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.017	0.0079	mg/Kg	☼	03/12/25 00:56	03/12/25 05:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.3		1.0	1.0	%			03/10/25 08:40	1
Percent Solids (EPA Moisture)	97.7		1.0	1.0	%			03/10/25 08:40	1

Client Sample ID: B-06_0-2
Lab Sample ID: 460-321585-6
Date Collected: 03/06/25 09:50
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00019	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00018	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00020	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
1,4-Dioxane	0.089	U	0.089	0.0082	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00033	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Acetone	0.0053	U	0.0053	0.0051	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Acrolein	0.089	U	0.089	0.025	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Acrylonitrile	0.0089	U	0.0089	0.0043	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Benzene	0.00026	J	0.00089	0.00023	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Carbon tetrachloride	0.00089	U	0.00089	0.00034	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Chlorobenzene	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Chlorobromomethane	0.00089	U	0.00089	0.00025	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Chlorodibromomethane	0.00089	U	0.00089	0.00017	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Chloroethane	0.00089	U	0.00089	0.00046	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Chloroform	0.00089	U	0.00089	0.00086	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1

Client Sample ID: B-06_0-2
Date Collected: 03/06/25 09:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-6
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Ethylbenzene	0.00089	U	0.00089	0.00018	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Ethylene Dibromide	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Methylcyclohexane	0.00089	U	0.00089	0.00044	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
m-Xylene & p-Xylene	**0.00048**	**J**	0.00089	0.00015	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
o-Xylene	0.00089	U	0.00089	0.00017	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
TBA	0.0089	U	0.0089	0.0070	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Toluene	**0.00034**	**J**	0.00089	0.00021	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	03/09/25 08:11	03/10/25 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*03/09/25 08:11*	*03/10/25 10:42*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*	*03/09/25 08:11*	*03/10/25 10:42*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*03/09/25 08:11*	*03/10/25 10:42*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*03/09/25 08:11*	*03/10/25 10:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
1,2-Diphenylhydrazine	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1

Client Sample ID: B-06_0-2
Date Collected: 03/06/25 09:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-6
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4-Nitroaniline	0.34	U	0.34	0.085	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Acenaphthylene	0.34	U	0.34	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Benzidine	0.34	U	0.34	0.071	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Benzo[a]pyrene	**0.018**	**J**	0.034	0.0090	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Benzo[b]fluoranthene	**0.022**	**J**	0.034	0.0087	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.34	0.0099	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Benzo[k]fluoranthene	**0.0087**	**J**	0.034	0.0066	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Caprolactam	0.34	U	0.34	0.052	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Chrysene	**0.020**	**J**	0.34	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Dimethyl phthalate	0.34	U	0.34	0.076	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Fluoranthene	**0.034**	**J**	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Fluorene	0.34	U	0.34	0.0098	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Isophorone	0.14	U	0.14	0.097	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
N-Nitrosodimethylamine	0.34	U	0.34	0.031	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1

Client Sample ID: B-06_0-2

Date Collected: 03/06/25 09:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-6

Matrix: Solid
Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.016**	**J**	0.34	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1
Pyrene	**0.023**	**J**	0.34	0.0084	mg/Kg	☼	03/09/25 18:35	03/10/25 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*24 - 137*	*03/09/25 18:35*	*03/10/25 11:20*	*1*
2-Fluorobiphenyl	*62*		*38 - 128*	*03/09/25 18:35*	*03/10/25 11:20*	*1*
2-Fluorophenol (Surr)	*63*		*31 - 133*	*03/09/25 18:35*	*03/10/25 11:20*	*1*
Nitrobenzene-d5 (Surr)	*59*		*31 - 120*	*03/09/25 18:35*	*03/10/25 11:20*	*1*
Phenol-d5 (Surr)	*63*		*35 - 132*	*03/09/25 18:35*	*03/10/25 11:20*	*1*
Terphenyl-d14 (Surr)	*62*		*44 - 147*	*03/09/25 18:35*	*03/10/25 11:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15700**		16.0	4.4	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Antimony	0.80	U	0.80	0.12	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Arsenic	**8.7**		0.80	0.082	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Barium	**225**		1.6	0.12	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Beryllium	**0.27**	**J**	0.32	0.046	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Cadmium	**0.090**	**J**	0.80	0.090	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Calcium	**3980**		80.1	32.6	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Chromium	**52.3**		1.6	0.73	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Cobalt	**9.6**		1.6	0.12	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Copper	**21.2**		1.6	0.29	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Iron	**24800**		48.0	16.2	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Lead	**9.0**		0.48	0.16	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Magnesium	**7970**		80.1	8.2	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Manganese	**372**		3.2	0.32	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Nickel	**27.2**		1.6	0.38	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Potassium	**6650**		80.1	13.0	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Selenium	**0.13**	**J**	1.0	0.10	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Silver	0.32	U	0.32	0.071	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Sodium	**275**		80.1	36.6	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Thallium	**0.33**		0.32	0.033	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Vanadium	**50.7**		1.6	0.16	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1
Zinc	**65.7**		6.4	2.4	mg/Kg	☼	03/09/25 17:00	03/11/25 18:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	U	0.015	0.0073	mg/Kg	☼	03/12/25 00:56	03/12/25 05:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**1.7**		1.0	1.0	%			03/10/25 08:40	1
Percent Solids (EPA Moisture)	**98.3**		1.0	1.0	%			03/10/25 08:40	1

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-07_0-2
Date Collected: 03/06/25 11:20
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-7
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00089	U	0.00089	0.00021	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,1,2,2-Tetrachloroethane	0.00089	U	0.00089	0.00019	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00089	U	0.00089	0.00027	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,1,2-Trichloroethane	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,1-Dichloroethane	0.00089	U	0.00089	0.00018	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,1-Dichloroethene	0.00089	U	0.00089	0.00020	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,2,3-Trichlorobenzene	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,2,4-Trichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,2-Dibromo-3-Chloropropane	0.00089	U	0.00089	0.00041	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,2-Dichlorobenzene	0.00089	U	0.00089	0.00032	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,2-Dichloroethane	0.00089	U	0.00089	0.00026	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,2-Dichloropropane	0.00089	U	0.00089	0.00038	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,3-Dichlorobenzene	0.00089	U	0.00089	0.00033	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,4-Dichlorobenzene	0.00089	U	0.00089	0.00020	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
1,4-Dioxane	0.089	U	0.089	0.0082	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Acetone	0.0054	U	0.0054	0.0051	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Acrolein	0.089	U	0.089	0.025	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Acrylonitrile	0.0089	U	0.0089	0.0043	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Benzene	0.00089	U	0.00089	0.00023	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Bromoform	0.00089	U	0.00089	0.00038	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Bromomethane	0.0018	U	0.0018	0.00089	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Carbon disulfide	0.00089	U	0.00089	0.00024	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Carbon tetrachloride	0.00089	U	0.00089	0.00035	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Chlorobenzene	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Chlorobromomethane	0.00089	U	0.00089	0.00025	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Chlorodibromomethane	0.00089	U	0.00089	0.00017	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Chloroethane	0.00089	U	0.00089	0.00047	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Chloroform	0.00089	U	0.00089	0.00087	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Chloromethane	0.00089	U	0.00089	0.00039	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
cis-1,2-Dichloroethene	0.00089	U	0.00089	0.00032	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
cis-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Cyclohexane	0.00089	U	0.00089	0.00020	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Dichlorobromomethane	0.00089	U	0.00089	0.00023	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Dichlorodifluoromethane	0.00089	U	0.00089	0.00030	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Ethylbenzene	0.00089	U	0.00089	0.00018	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Ethylene Dibromide	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Isopropylbenzene	0.00089	U	0.00089	0.00025	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Methyl acetate	0.0045	U	0.0045	0.0038	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Methyl tert-butyl ether	0.00089	U	0.00089	0.00046	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Methylcyclohexane	0.00089	U	0.00089	0.00045	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
m-Xylene & p-Xylene	0.00089	U	0.00089	0.00016	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
o-Xylene	0.00089	U	0.00089	0.00017	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Styrene	0.00089	U	0.00089	0.00025	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
TBA	0.0089	U	0.0089	0.0070	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Tetrachloroethene	0.00089	U	0.00089	0.00027	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1

Client Sample ID: B-07_0-2
Lab Sample ID: 460-321585-7
Date Collected: 03/06/25 11:20
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00089	U	0.00089	0.00021	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
trans-1,2-Dichloroethene	0.00089	U	0.00089	0.00022	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
trans-1,3-Dichloropropene	0.00089	U	0.00089	0.00024	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Trichloroethene	0.00089	U	0.00089	0.00029	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Trichlorofluoromethane	0.00089	U	0.00089	0.00036	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1
Vinyl chloride	0.00089	U	0.00089	0.00049	mg/Kg	☼	03/09/25 08:15	03/10/25 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*03/09/25 08:15*	*03/10/25 11:07*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*	*03/09/25 08:15*	*03/10/25 11:07*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*	*03/09/25 08:15*	*03/10/25 11:07*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*03/09/25 08:15*	*03/10/25 11:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Anthracene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Benzidine	0.33	U	0.33	0.070	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1

Client Sample ID: B-07_0-2
Date Collected: 03/06/25 11:20
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-7
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Benzo[a]pyrene	**0.014**	**J**	0.033	0.0089	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Benzo[b]fluoranthene	**0.017**	**J**	0.033	0.0086	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Benzo[g,h,i]perylene	**0.011**	**J**	0.33	0.0099	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Benzo[k]fluoranthene	**0.0071**	**J**	0.033	0.0066	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Bis(2-ethylhexyl) phthalate	**0.22**	**J**	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Butyl benzyl phthalate	**1.0**		0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Chrysene	**0.016**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Fluoranthene	**0.033**	**J**	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
N-Nitrosodimethylamine	0.33	U	0.33	0.031	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Phenanthrene	**0.021**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1
Pyrene	**0.025**	**J**	0.33	0.0083	mg/Kg	☼	03/09/25 18:35	03/10/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*24 - 137*	*03/09/25 18:35*	*03/10/25 11:43*	*1*
2-Fluorobiphenyl	*68*		*38 - 128*	*03/09/25 18:35*	*03/10/25 11:43*	*1*
2-Fluorophenol (Surr)	*70*		*31 - 133*	*03/09/25 18:35*	*03/10/25 11:43*	*1*
Nitrobenzene-d5 (Surr)	*64*		*31 - 120*	*03/09/25 18:35*	*03/10/25 11:43*	*1*
Phenol-d5 (Surr)	*69*		*35 - 132*	*03/09/25 18:35*	*03/10/25 11:43*	*1*
Terphenyl-d14 (Surr)	*67*		*44 - 147*	*03/09/25 18:35*	*03/10/25 11:43*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16900**		15.5	4.3	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Antimony	**0.16**	**J**	0.78	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Arsenic	**1.9**		0.78	0.080	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Barium	**97.1**		1.6	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1

Client Sample ID: B-07_0-2

Date Collected: 03/06/25 11:20
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-7

Matrix: Solid
Percent Solids: 99.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.1		0.31	0.044	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Cadmium	0.098	J	0.78	0.088	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Calcium	5720		77.7	31.6	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Chromium	26.1		1.6	0.71	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Cobalt	15.1		1.6	0.12	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Copper	42.5		1.6	0.29	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Iron	28500		46.6	15.7	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Lead	32.5		0.47	0.16	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Magnesium	5020		77.7	7.9	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Manganese	337		3.1	0.31	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Nickel	23.2		1.6	0.37	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Potassium	3750		77.7	12.6	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Selenium	0.20	J	0.97	0.099	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Silver	0.31	U	0.31	0.069	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Sodium	117		77.7	35.5	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Thallium	0.41		0.31	0.032	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Vanadium	29.6		1.6	0.16	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1
Zinc	75.2		6.2	2.4	mg/Kg	☼	03/09/25 17:00	03/11/25 18:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.079		0.016	0.0076	mg/Kg	☼	03/12/25 00:56	03/12/25 05:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0		1.0	1.0	%			03/10/25 08:40	1
Percent Solids (EPA Moisture)	99.0		1.0	1.0	%			03/10/25 08:40	1

Client Sample ID: B-08_0-2

Date Collected: 03/06/25 11:30
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-8

Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00018	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00015	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00018	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00016	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00025	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,2-Dichloropropane	0.00086	U	0.00086	0.00036	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00019	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
1,4-Dioxane	0.086	U	0.086	0.0079	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-08_0-2
Date Collected: 03/06/25 11:30
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-8
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Acrolein	0.086	U	0.086	0.024	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Acrylonitrile	0.0086	U	0.0086	0.0042	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Benzene	0.00086	U	0.00086	0.00022	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Chlorobenzene	0.00086	U	0.00086	0.00015	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Chlorobromomethane	0.00086	U	0.00086	0.00024	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Chlorodibromomethane	0.00086	U	0.00086	0.00017	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Chloroform	0.00086	U	0.00086	0.00083	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Chloromethane	0.00086	U	0.00086	0.00037	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Ethylbenzene	0.00086	U	0.00086	0.00017	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Ethylene Dibromide	0.00086	U	0.00086	0.00015	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Isopropylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Methylene Chloride	0.0017	U	0.0017	0.00098	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00015	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
o-Xylene	0.00086	U	0.00086	0.00017	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
TBA	0.0086	U	0.0086	0.0067	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Tetrachloroethene	0.00086	U	0.00086	0.00026	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1
Vinyl chloride	0.00086	U	0.00086	0.00047	mg/Kg	☼	03/09/25 08:19	03/10/25 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*65 - 138*	*03/09/25 08:19*	*03/10/25 11:32*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*	*03/09/25 08:19*	*03/10/25 11:32*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 150*	*03/09/25 08:19*	*03/10/25 11:32*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*	*03/09/25 08:19*	*03/10/25 11:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1

Client Sample ID: B-08_0-2
Date Collected: 03/06/25 11:30
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-8
Matrix: Solid
Percent Solids: 99.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4-Nitroaniline	0.33	U	0.33	0.085	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Acenaphthylene	0.33	U	0.33	0.0096	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Anthracene	0.33	U	0.33	0.010	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Benzidine	0.33	U	0.33	0.070	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Benzo[a]anthracene	**0.039**		0.033	0.025	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Benzo[a]pyrene	**0.036**		0.033	0.0089	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Benzo[b]fluoranthene	**0.048**		0.033	0.0086	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Benzo[g,h,i]perylene	**0.033**	**J**	0.33	0.0099	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Benzo[k]fluoranthene	**0.024**	**J**	0.033	0.0066	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.062	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Bis(2-ethylhexyl) phthalate	**2.2**		0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Chrysene	**0.037**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1

Client Sample ID: B-08_0-2
Lab Sample ID: 460-321585-8
Date Collected: 03/06/25 11:30
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 99.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	**0.015**	**J**	0.33	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Fluoranthene	**0.043**	**J**	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Fluorene	0.33	U	0.33	0.0098	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Indeno[1,2,3-cd]pyrene	**0.029**	**J**	0.033	0.013	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Naphthalene	**0.011**	**J**	0.33	0.0058	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
N-Nitrosodimethylamine	0.33	U	0.33	0.031	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Phenanthrene	**0.016**	**J**	0.33	0.014	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1
Pyrene	**0.034**	**J**	0.33	0.0083	mg/Kg	☼	03/09/25 18:35	03/10/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*24 - 137*	*03/09/25 18:35*	*03/10/25 16:12*	*1*
2-Fluorobiphenyl	*66*		*38 - 128*	*03/09/25 18:35*	*03/10/25 16:12*	*1*
2-Fluorophenol (Surr)	*68*		*31 - 133*	*03/09/25 18:35*	*03/10/25 16:12*	*1*
Nitrobenzene-d5 (Surr)	*64*		*31 - 120*	*03/09/25 18:35*	*03/10/25 16:12*	*1*
Phenol-d5 (Surr)	*68*		*35 - 132*	*03/09/25 18:35*	*03/10/25 16:12*	*1*
Terphenyl-d14 (Surr)	*70*		*44 - 147*	*03/09/25 18:35*	*03/10/25 16:12*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13600**		15.2	4.2	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Antimony	**0.77**		0.76	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Arsenic	**12.4**		0.76	0.078	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Barium	**205**		1.5	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Beryllium	**0.25**	**J**	0.30	0.043	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Cadmium	**0.26**	**J**	0.76	0.086	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Calcium	**15700**		76.0	30.9	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Chromium	**22.0**		1.5	0.69	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Cobalt	**7.5**		1.5	0.11	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Copper	**54.6**		1.5	0.28	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Iron	**36800**		45.6	15.3	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Lead	**152**		0.46	0.15	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Magnesium	**10700**		76.0	7.8	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Manganese	**388**		3.0	0.31	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Nickel	**15.3**		1.5	0.36	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Potassium	**8090**		76.0	12.3	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Selenium	**0.41**	**J**	0.95	0.097	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Silver	**0.25**	**J**	0.30	0.068	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Sodium	**168**		76.0	34.7	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Thallium	**0.41**		0.30	0.031	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1

Client Sample ID: B-08_0-2
Lab Sample ID: 460-321585-8
Date Collected: 03/06/25 11:30
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 99.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	46.1		1.5	0.16	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1
Zinc	192		6.1	2.3	mg/Kg	☼	03/09/25 17:00	03/11/25 18:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.67		0.017	0.0078	mg/Kg	☼	03/12/25 00:56	03/12/25 05:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0		1.0	1.0	%			03/10/25 08:40	1
Percent Solids (EPA Moisture)	99.0		1.0	1.0	%			03/10/25 08:40	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-321585-1	B-01_1-3	106	91	103	98
460-321585-2	B-02_1-3	107	91	102	96
460-321585-3	B-03_2-4	105	97	103	98
460-321585-4	B-04_1-3	106	94	102	98
460-321585-5	B-05_0-2	108	94	96	96
460-321585-6	B-06_0-2	107	95	103	98
460-321585-7	B-07_0-2	105	93	101	96
460-321585-8	B-08_0-2	107	94	103	98
LCS 460-1024978/3	Lab Control Sample	96	97	99	100
LCS 460-1025280/4	Lab Control Sample	100	99	102	103
LCSD 460-1024978/4	Lab Control Sample Dup	97	98	99	101
LCSD 460-1025280/5	Lab Control Sample Dup	102	96	101	102
MB 460-1024978/7	Method Blank	101	94	104	99
MB 460-1025280/8	Method Blank	104	95	101	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(24-137)	(38-128)	(31-133)	(31-120)	(35-132)	(44-147)
460-321585-1	B-01_1-3	98	76	75	71	77	79
460-321585-2	B-02_1-3	91	62	59	51	61	80
460-321585-3	B-03_2-4	77	68	68	62	67	67
460-321585-4	B-04_1-3	87	63	59	57	63	72
460-321585-5	B-05_0-2	80	73	75	71	75	74
460-321585-6	B-06_0-2	72	62	63	59	63	62
460-321585-7	B-07_0-2	82	68	70	64	69	67
460-321585-8	B-08_0-2	85	66	68	64	68	70
LCS 460-1024962/2-A	Lab Control Sample	83	73	74	71	74	71
LCSD 460-1024962/3-A	Lab Control Sample Dup	83	73	76	71	76	69
MB 460-1024962/1-A	Method Blank	82	80	84	77	81	76

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1024978/7
Matrix: Solid
Analysis Batch: 1024978

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			03/10/25 06:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/10/25 06:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/10/25 06:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			03/10/25 06:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/10/25 06:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			03/10/25 06:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/10/25 06:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/10/25 06:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			03/10/25 06:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/10/25 06:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/10/25 06:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			03/10/25 06:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			03/10/25 06:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			03/10/25 06:56	1
1,4-Dioxane	0.10	U	0.10	0.0092	mg/Kg			03/10/25 06:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			03/10/25 06:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			03/10/25 06:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			03/10/25 06:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			03/10/25 06:56	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			03/10/25 06:56	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			03/10/25 06:56	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			03/10/25 06:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			03/10/25 06:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			03/10/25 06:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			03/10/25 06:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			03/10/25 06:56	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/10/25 06:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			03/10/25 06:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			03/10/25 06:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			03/10/25 06:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			03/10/25 06:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			03/10/25 06:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			03/10/25 06:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/10/25 06:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			03/10/25 06:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			03/10/25 06:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			03/10/25 06:56	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			03/10/25 06:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			03/10/25 06:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			03/10/25 06:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			03/10/25 06:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			03/10/25 06:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			03/10/25 06:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			03/10/25 06:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			03/10/25 06:56	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			03/10/25 06:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			03/10/25 06:56	1
TBA	0.010	U	0.010	0.0078	mg/Kg			03/10/25 06:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1024978/7
Matrix: Solid
Analysis Batch: 1024978

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			03/10/25 06:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			03/10/25 06:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			03/10/25 06:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/10/25 06:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			03/10/25 06:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			03/10/25 06:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			03/10/25 06:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*65 - 138*		*03/10/25 06:56*	*1*
4-Bromofluorobenzene	*94*		*71 - 128*		*03/10/25 06:56*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 150*		*03/10/25 06:56*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*03/10/25 06:56*	*1*

Lab Sample ID: LCS 460-1024978/3
Matrix: Solid
Analysis Batch: 1024978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0200		mg/Kg		100	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0202		mg/Kg		101	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0211		mg/Kg		105	75 - 121
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		99	80 - 120
1,1-Dichloroethane	0.0200	0.0197		mg/Kg		99	72 - 120
1,1-Dichloroethene	0.0200	0.0196		mg/Kg		98	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0199		mg/Kg		99	80 - 124
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0200	0.0184		mg/Kg		92	70 - 123
1,2-Dichloropropane	0.0200	0.0191		mg/Kg		96	73 - 124
1,3-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,4-Dioxane	0.400	0.433		mg/Kg		108	77 - 129
2-Butanone (MEK)	0.100	0.0957		mg/Kg		96	64 - 128
2-Hexanone	0.100	0.0924		mg/Kg		92	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0956		mg/Kg		96	80 - 120
Acetone	0.100	0.0961		mg/Kg		96	58 - 122
Acrolein	0.300	0.240		mg/Kg		80	54 - 158
Acrylonitrile	0.200	0.193		mg/Kg		97	56 - 120
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0221		mg/Kg		110	37 - 150
Carbon disulfide	0.0200	0.0203		mg/Kg		101	57 - 133
Carbon tetrachloride	0.0200	0.0202		mg/Kg		101	66 - 127
Chlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Chlorobromomethane	0.0200	0.0202		mg/Kg		101	76 - 127
Chlorodibromomethane	0.0200	0.0195		mg/Kg		97	72 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1024978/3
Matrix: Solid
Analysis Batch: 1024978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	0.0200	0.0223		mg/Kg		112	60 - 123
Chloroform	0.0200	0.0197		mg/Kg		98	79 - 126
Chloromethane	0.0200	0.0204		mg/Kg		102	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0195		mg/Kg		97	75 - 120
Cyclohexane	0.0200	0.0203		mg/Kg		101	65 - 132
Dichlorobromomethane	0.0200	0.0187		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0246		mg/Kg		123	45 - 129
Ethylbenzene	0.0200	0.0201		mg/Kg		100	80 - 120
Ethylene Dibromide	0.0200	0.0199		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0209		mg/Kg		105	74 - 120
Methyl acetate	0.0400	0.0421		mg/Kg		105	57 - 120
Methyl tert-butyl ether	0.0200	0.0185		mg/Kg		93	74 - 125
Methylcyclohexane	0.0200	0.0202		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0201		mg/Kg		100	78 - 120
m-Xylene & p-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
o-Xylene	0.0200	0.0198		mg/Kg		99	80 - 120
Styrene	0.0200	0.0197		mg/Kg		99	80 - 120
TBA	0.200	0.191		mg/Kg		95	79 - 120
Tetrachloroethene	0.0200	0.0207		mg/Kg		104	73 - 120
Toluene	0.0200	0.0195		mg/Kg		98	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0186		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0194		mg/Kg		97	80 - 120
Trichlorofluoromethane	0.0200	0.0229		mg/Kg		115	61 - 130
Vinyl chloride	0.0200	0.0225		mg/Kg		112	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 138*
4-Bromofluorobenzene	*97*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Lab Sample ID: LCSD 460-1024978/4
Matrix: Solid
Analysis Batch: 1024978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0195		mg/Kg		97	78 - 120	3	30
1,1,2,2-Tetrachloroethane	0.0200	0.0185		mg/Kg		93	70 - 133	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0207		mg/Kg		103	75 - 121	2	30
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	80 - 120	5	30
1,1-Dichloroethane	0.0200	0.0190		mg/Kg		95	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0194		mg/Kg		97	76 - 120	1	30
1,2,3-Trichlorobenzene	0.0200	0.0191		mg/Kg		95	77 - 137	4	30
1,2,4-Trichlorobenzene	0.0200	0.0191		mg/Kg		95	77 - 136	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0183		mg/Kg		92	80 - 124	8	30
1,2-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1024978/4
Matrix: Solid
Analysis Batch: 1024978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane			0.0200	0.0181		mg/Kg		91	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0189		mg/Kg		94	73 - 124	1	30
1,3-Dichlorobenzene			0.0200	0.0193		mg/Kg		96	80 - 120	5	30
1,4-Dichlorobenzene			0.0200	0.0192		mg/Kg		96	80 - 120	5	30
1,4-Dioxane			0.400	0.407		mg/Kg		102	77 - 129	6	30
2-Butanone (MEK)			0.100	0.0924		mg/Kg		92	64 - 128	4	30
2-Hexanone			0.100	0.0911		mg/Kg		91	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0946		mg/Kg		95	80 - 120	1	30
Acetone			0.100	0.0981		mg/Kg		98	58 - 122	2	30
Acrolein			0.300	0.277		mg/Kg		92	54 - 158	15	30
Acrylonitrile			0.200	0.196		mg/Kg		98	56 - 120	2	30
Benzene			0.0200	0.0196		mg/Kg		98	75 - 120	3	30
Bromoform			0.0200	0.0183		mg/Kg		91	61 - 125	6	30
Bromomethane			0.0200	0.0225		mg/Kg		112	37 - 150	2	30
Carbon disulfide			0.0200	0.0197		mg/Kg		99	57 - 133	3	30
Carbon tetrachloride			0.0200	0.0199		mg/Kg		99	66 - 127	2	30
Chlorobenzene			0.0200	0.0190		mg/Kg		95	80 - 120	4	30
Chlorobromomethane			0.0200	0.0191		mg/Kg		95	76 - 127	6	30
Chlorodibromomethane			0.0200	0.0187		mg/Kg		93	72 - 120	4	30
Chloroethane			0.0200	0.0225		mg/Kg		113	60 - 123	1	30
Chloroform			0.0200	0.0191		mg/Kg		95	79 - 126	3	30
Chloromethane			0.0200	0.0239		mg/Kg		120	46 - 122	16	30
cis-1,2-Dichloroethene			0.0200	0.0191		mg/Kg		96	80 - 123	4	30
cis-1,3-Dichloropropene			0.0200	0.0185		mg/Kg		92	75 - 120	5	30
Cyclohexane			0.0200	0.0199		mg/Kg		100	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0185		mg/Kg		92	77 - 124	1	30
Dichlorodifluoromethane			0.0200	0.0253		mg/Kg		126	45 - 129	3	30
Ethylbenzene			0.0200	0.0195		mg/Kg		98	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0193		mg/Kg		97	79 - 120	3	30
Isopropylbenzene			0.0200	0.0202		mg/Kg		101	74 - 120	4	30
Methyl acetate			0.0400	0.0384		mg/Kg		96	57 - 120	9	30
Methyl tert-butyl ether			0.0200	0.0177		mg/Kg		89	74 - 125	5	30
Methylcyclohexane			0.0200	0.0197		mg/Kg		98	66 - 125	3	30
Methylene Chloride			0.0200	0.0195		mg/Kg		97	78 - 120	3	30
m-Xylene & p-Xylene			0.0200	0.0188		mg/Kg		94	80 - 120	5	30
o-Xylene			0.0200	0.0191		mg/Kg		95	80 - 120	4	30
Styrene			0.0200	0.0191		mg/Kg		96	80 - 120	3	30
TBA			0.200	0.185		mg/Kg		92	79 - 120	3	30
Tetrachloroethene			0.0200	0.0203		mg/Kg		101	73 - 120	2	30
Toluene			0.0200	0.0190		mg/Kg		95	80 - 120	3	30
trans-1,2-Dichloroethene			0.0200	0.0194		mg/Kg		97	78 - 120	3	30
trans-1,3-Dichloropropene			0.0200	0.0177		mg/Kg		89	77 - 120	5	30
Trichloroethene			0.0200	0.0189		mg/Kg		94	80 - 120	3	30
Trichlorofluoromethane			0.0200	0.0224		mg/Kg		112	61 - 130	2	30
Vinyl chloride			0.0200	0.0230		mg/Kg		115	54 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 138*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1024978/4
Matrix: Solid
Analysis Batch: 1024978

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*98*		*71 - 128*
Dibromofluoromethane (Surr)	*99*		*50 - 150*
Toluene-d8 (Surr)	*101*		*71 - 126*

Lab Sample ID: MB 460-1025280/8
Matrix: Solid
Analysis Batch: 1025280

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			03/11/25 18:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/11/25 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/11/25 18:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			03/11/25 18:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/11/25 18:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/25 18:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/11/25 18:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/25 18:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			03/11/25 18:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/25 18:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/11/25 18:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			03/11/25 18:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			03/11/25 18:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/25 18:56	1
1,4-Dioxane	0.10	U	0.10	0.0092	mg/Kg			03/11/25 18:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			03/11/25 18:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			03/11/25 18:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			03/11/25 18:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			03/11/25 18:56	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			03/11/25 18:56	1
Acrylonitrile	0.010	U	0.010	0.0049	mg/Kg			03/11/25 18:56	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			03/11/25 18:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			03/11/25 18:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			03/11/25 18:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			03/11/25 18:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			03/11/25 18:56	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/11/25 18:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			03/11/25 18:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			03/11/25 18:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			03/11/25 18:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			03/11/25 18:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			03/11/25 18:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/25 18:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/11/25 18:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			03/11/25 18:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			03/11/25 18:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			03/11/25 18:56	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			03/11/25 18:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			03/11/25 18:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1025280/8
Matrix: Solid
Analysis Batch: 1025280

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			03/11/25 18:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			03/11/25 18:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			03/11/25 18:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			03/11/25 18:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			03/11/25 18:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			03/11/25 18:56	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			03/11/25 18:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			03/11/25 18:56	1
TBA	0.010	U	0.010	0.0078	mg/Kg			03/11/25 18:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			03/11/25 18:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/25 18:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			03/11/25 18:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/11/25 18:56	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			03/11/25 18:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			03/11/25 18:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			03/11/25 18:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*		*03/11/25 18:56*	*1*
4-Bromofluorobenzene	*95*		*71 - 128*		*03/11/25 18:56*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 150*		*03/11/25 18:56*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*03/11/25 18:56*	*1*

Lab Sample ID: LCS 460-1025280/4
Matrix: Solid
Analysis Batch: 1025280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0186		mg/Kg		93	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0177		mg/Kg		88	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0193		mg/Kg		97	75 - 121
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0186		mg/Kg		93	72 - 120
1,1-Dichloroethene	0.0200	0.0188		mg/Kg		94	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0180		mg/Kg		90	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		90	77 - 136
1,2-Dibromo-3-Chloropropane	0.0200	0.0175		mg/Kg		87	80 - 124
1,2-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0182		mg/Kg		91	70 - 123
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124
1,3-Dichlorobenzene	0.0200	0.0187		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
1,4-Dioxane	0.400	0.455		mg/Kg		114	77 - 129
2-Butanone (MEK)	0.100	0.0899		mg/Kg		90	64 - 128
2-Hexanone	0.100	0.0926		mg/Kg		93	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0941		mg/Kg		94	80 - 120
Acetone	0.100	0.0902		mg/Kg		90	58 - 122
Acrolein	0.300	0.337		mg/Kg		112	54 - 158

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1025280/4
Matrix: Solid
Analysis Batch: 1025280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile	0.200	0.214		mg/Kg		107	56 - 120
Benzene	0.0200	0.0185		mg/Kg		92	75 - 120
Bromoform	0.0200	0.0179		mg/Kg		89	61 - 125
Bromomethane	0.0200	0.0183		mg/Kg		91	37 - 150
Carbon disulfide	0.0200	0.0174		mg/Kg		87	57 - 133
Carbon tetrachloride	0.0200	0.0186		mg/Kg		93	66 - 127
Chlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
Chlorobromomethane	0.0200	0.0189		mg/Kg		94	76 - 127
Chlorodibromomethane	0.0200	0.0185		mg/Kg		92	72 - 120
Chloroethane	0.0200	0.0186		mg/Kg		93	60 - 123
Chloroform	0.0200	0.0187		mg/Kg		94	79 - 126
Chloromethane	0.0200	0.0194		mg/Kg		97	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		91	75 - 120
Cyclohexane	0.0200	0.0175		mg/Kg		87	65 - 132
Dichlorobromomethane	0.0200	0.0181		mg/Kg		90	77 - 124
Dichlorodifluoromethane	0.0200	0.0194		mg/Kg		97	45 - 129
Ethylbenzene	0.0200	0.0187		mg/Kg		94	80 - 120
Ethylene Dibromide	0.0200	0.0188		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0181		mg/Kg		90	74 - 120
Methyl acetate	0.0400	0.0362		mg/Kg		91	57 - 120
Methyl tert-butyl ether	0.0200	0.0180		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0175		mg/Kg		88	66 - 125
Methylene Chloride	0.0200	0.0191		mg/Kg		96	78 - 120
m-Xylene & p-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120
o-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120
TBA	0.200	0.191		mg/Kg		96	79 - 120
Tetrachloroethene	0.0200	0.0183		mg/Kg		92	73 - 120
Toluene	0.0200	0.0181		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0174		mg/Kg		87	77 - 120
Trichloroethene	0.0200	0.0182		mg/Kg		91	80 - 120
Trichlorofluoromethane	0.0200	0.0189		mg/Kg		94	61 - 130
Vinyl chloride	0.0200	0.0188		mg/Kg		94	54 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 138*
4-Bromofluorobenzene	*99*		*71 - 128*
Dibromofluoromethane (Surr)	*102*		*50 - 150*
Toluene-d8 (Surr)	*103*		*71 - 126*

Lab Sample ID: LCSD 460-1025280/5
Matrix: Solid
Analysis Batch: 1025280

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0189		mg/Kg		94	78 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1025280/5
Matrix: Solid
Analysis Batch: 1025280

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.0200	0.0187		mg/Kg		94	70 - 133	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0194		mg/Kg		97	75 - 121	0	30
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0185		mg/Kg		92	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0184		mg/Kg		92	76 - 120	2	30
1,2,3-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0179		mg/Kg		89	77 - 136	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0187		mg/Kg		93	80 - 124	6	30
1,2-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0186		mg/Kg		93	70 - 123	2	30
1,2-Dichloropropane	0.0200	0.0185		mg/Kg		93	73 - 124	0	30
1,3-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0183		mg/Kg		91	80 - 120	1	30
1,4-Dioxane	0.400	0.434		mg/Kg		108	77 - 129	5	30
2-Butanone (MEK)	0.100	0.0900		mg/Kg		90	64 - 128	0	30
2-Hexanone	0.100	0.0906		mg/Kg		91	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0948		mg/Kg		95	80 - 120	1	30
Acetone	0.100	0.0942		mg/Kg		94	58 - 122	4	30
Acrolein	0.300	0.291		mg/Kg		97	54 - 158	14	30
Acrylonitrile	0.200	0.193		mg/Kg		97	56 - 120	10	30
Benzene	0.0200	0.0187		mg/Kg		94	75 - 120	1	30
Bromoform	0.0200	0.0182		mg/Kg		91	61 - 125	2	30
Bromomethane	0.0200	0.0174		mg/Kg		87	37 - 150	5	30
Carbon disulfide	0.0200	0.0176		mg/Kg		88	57 - 133	1	30
Carbon tetrachloride	0.0200	0.0183		mg/Kg		92	66 - 127	2	30
Chlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120	0	30
Chlorobromomethane	0.0200	0.0197		mg/Kg		99	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0186		mg/Kg		93	72 - 120	0	30
Chloroethane	0.0200	0.0186		mg/Kg		93	60 - 123	0	30
Chloroform	0.0200	0.0188		mg/Kg		94	79 - 126	0	30
Chloromethane	0.0200	0.0166		mg/Kg		83	46 - 122	15	30
cis-1,2-Dichloroethene	0.0200	0.0187		mg/Kg		93	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	75 - 120	2	30
Cyclohexane	0.0200	0.0180		mg/Kg		90	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0183		mg/Kg		92	77 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0192		mg/Kg		96	45 - 129	1	30
Ethylbenzene	0.0200	0.0186		mg/Kg		93	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0192		mg/Kg		96	79 - 120	2	30
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	74 - 120	1	30
Methyl acetate	0.0400	0.0420		mg/Kg		105	57 - 120	15	30
Methyl tert-butyl ether	0.0200	0.0186		mg/Kg		93	74 - 125	3	30
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	66 - 125	2	30
Methylene Chloride	0.0200	0.0194		mg/Kg		97	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120	0	30
o-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120	0	30
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120	1	30
TBA	0.200	0.186		mg/Kg		93	79 - 120	3	30
Tetrachloroethene	0.0200	0.0185		mg/Kg		92	73 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1025280/5
Matrix: Solid
Analysis Batch: 1025280

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.0200	0.0180		mg/Kg		90	80 - 120	1	30
trans-1,2-Dichloroethene			0.0200	0.0184		mg/Kg		92	78 - 120	2	30
trans-1,3-Dichloropropene			0.0200	0.0178		mg/Kg		89	77 - 120	3	30
Trichloroethene			0.0200	0.0184		mg/Kg		92	80 - 120	1	30
Trichlorofluoromethane			0.0200	0.0177		mg/Kg		88	61 - 130	6	30
Vinyl chloride			0.0200	0.0181		mg/Kg		91	54 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Dibromofluoromethane (Surr)	*101*		*50 - 150*
Toluene-d8 (Surr)	*102*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1024962/1-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
1,2-Diphenylhydrazine	0.33	U	0.33	0.013	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		03/09/25 18:35	03/10/25 08:43	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1024962/1-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Benzidine	0.33	U	0.33	0.069	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
N-Nitrosodimethylamine	0.33	U	0.33	0.031	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Phenol	0.33	U	0.33	0.012	mg/Kg		03/09/25 18:35	03/10/25 08:43	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		03/09/25 18:35	03/10/25 08:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*24 - 137*	*03/09/25 18:35*	*03/10/25 08:43*	*1*
2-Fluorobiphenyl	*80*		*38 - 128*	*03/09/25 18:35*	*03/10/25 08:43*	*1*
2-Fluorophenol (Surr)	*84*		*31 - 133*	*03/09/25 18:35*	*03/10/25 08:43*	*1*
Nitrobenzene-d5 (Surr)	*77*		*31 - 120*	*03/09/25 18:35*	*03/10/25 08:43*	*1*
Phenol-d5 (Surr)	*81*		*35 - 132*	*03/09/25 18:35*	*03/10/25 08:43*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1024962/1-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024962

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	76		44 - 147	03/09/25 18:35	03/10/25 08:43	1

Lab Sample ID: LCS 460-1024962/2-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.69		mg/Kg		81	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.68		mg/Kg		80	60 - 120
1,2-Diphenylhydrazine	3.33	2.61		mg/Kg		78	55 - 125
2,2'-oxybis[1-chloropropane]	3.33	2.59		mg/Kg		78	46 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.92		mg/Kg		88	62 - 120
2,4,5-Trichlorophenol	3.33	2.92		mg/Kg		88	64 - 120
2,4,6-Trichlorophenol	3.33	2.75		mg/Kg		82	65 - 120
2,4-Dichlorophenol	3.33	2.82		mg/Kg		85	66 - 120
2,4-Dimethylphenol	3.33	3.16		mg/Kg		95	46 - 120
2,4-Dinitrophenol	6.67	5.37		mg/Kg		81	41 - 129
2,4-Dinitrotoluene	3.33	2.90		mg/Kg		87	65 - 124
2,6-Dinitrotoluene	3.33	2.72		mg/Kg		82	67 - 121
2-Chloronaphthalene	3.33	2.71		mg/Kg		81	64 - 120
2-Chlorophenol	3.33	2.79		mg/Kg		84	63 - 120
2-Methylnaphthalene	3.33	2.43		mg/Kg		73	64 - 120
2-Methylphenol	3.33	2.89		mg/Kg		87	63 - 120
2-Nitroaniline	3.33	2.69		mg/Kg		81	48 - 120
2-Nitrophenol	3.33	2.59		mg/Kg		78	64 - 120
3,3'-Dichlorobenzidine	3.33	1.69		mg/Kg		51	10 - 120
3-Nitroaniline	3.33	2.30		mg/Kg		69	18 - 122
4,6-Dinitro-2-methylphenol	6.67	5.81		mg/Kg		87	58 - 136
4-Bromophenyl phenyl ether	3.33	2.72		mg/Kg		82	60 - 120
4-Chloro-3-methylphenol	3.33	2.80		mg/Kg		84	66 - 120
4-Chloroaniline	3.33	1.55		mg/Kg		47	10 - 120
4-Chlorophenyl phenyl ether	3.33	2.85		mg/Kg		86	62 - 120
4-Methylphenol	3.33	2.89		mg/Kg		87	61 - 120
4-Nitroaniline	3.33	2.59		mg/Kg		78	51 - 120
4-Nitrophenol	6.67	5.46		mg/Kg		82	42 - 132
Acenaphthene	3.33	2.78		mg/Kg		83	65 - 120
Acenaphthylene	3.33	2.89		mg/Kg		87	64 - 120
Acetophenone	3.33	2.71		mg/Kg		81	61 - 120
Anthracene	3.33	2.78		mg/Kg		83	67 - 120
Atrazine	1.33	1.38		mg/Kg		103	32 - 150
Benzaldehyde	1.33	1.06		mg/Kg		80	28 - 150
Benzidine	3.33	2.95		mg/Kg		89	10 - 120
Benzo[a]anthracene	3.33	2.62		mg/Kg		79	66 - 120
Benzo[a]pyrene	3.33	2.91		mg/Kg		87	73 - 123
Benzo[b]fluoranthene	3.33	2.73		mg/Kg		82	70 - 125
Benzo[g,h,i]perylene	3.33	2.97		mg/Kg		89	66 - 120
Benzo[k]fluoranthene	3.33	2.75		mg/Kg		83	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.62		mg/Kg		79	62 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1024962/2-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	3.33	2.53		mg/Kg		76	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.68		mg/Kg		80	64 - 125
Butyl benzyl phthalate	3.33	2.54		mg/Kg		76	62 - 127
Caprolactam	1.33	1.20		mg/Kg		90	36 - 150
Carbazole	3.33	2.75		mg/Kg		82	64 - 120
Chrysene	3.33	2.63		mg/Kg		79	67 - 120
Dibenz(a,h)anthracene	3.33	2.92		mg/Kg		88	66 - 128
Dibenzofuran	3.33	2.75		mg/Kg		83	61 - 120
Diethyl phthalate	3.33	2.85		mg/Kg		85	63 - 120
Dimethyl phthalate	3.33	2.81		mg/Kg		84	65 - 120
Di-n-butyl phthalate	3.33	2.62		mg/Kg		78	66 - 120
Di-n-octyl phthalate	3.33	2.51		mg/Kg		75	61 - 123
Fluoranthene	3.33	2.79		mg/Kg		84	61 - 120
Fluorene	3.33	2.84		mg/Kg		85	64 - 120
Hexachlorobenzene	3.33	2.74		mg/Kg		82	66 - 120
Hexachlorobutadiene	3.33	2.63		mg/Kg		79	62 - 120
Hexachlorocyclopentadiene	3.33	3.64		mg/Kg		109	13 - 120
Hexachloroethane	3.33	2.72		mg/Kg		81	61 - 120
Indeno[1,2,3-cd]pyrene	3.33	2.87		mg/Kg		86	71 - 137
Isophorone	3.33	2.62		mg/Kg		79	61 - 120
Naphthalene	3.33	2.68		mg/Kg		80	63 - 120
Nitrobenzene	3.33	2.77		mg/Kg		83	63 - 120
N-Nitrosodimethylamine	3.33	2.60		mg/Kg		78	57 - 120
N-Nitrosodi-n-propylamine	3.33	2.66		mg/Kg		80	56 - 120
N-Nitrosodiphenylamine	3.33	2.65		mg/Kg		80	63 - 120
Pentachlorophenol	6.67	5.93		mg/Kg		89	61 - 126
Phenanthrene	3.33	2.76		mg/Kg		83	66 - 120
Phenol	3.33	2.90		mg/Kg		87	63 - 120
Pyrene	3.33	2.60		mg/Kg		78	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*24 - 137*
2-Fluorobiphenyl	*73*		*38 - 128*
2-Fluorophenol (Surr)	*74*		*31 - 133*
Nitrobenzene-d5 (Surr)	*71*		*31 - 120*
Phenol-d5 (Surr)	*74*		*35 - 132*
Terphenyl-d14 (Surr)	*71*		*44 - 147*

Lab Sample ID: LCSD 460-1024962/3-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1024962

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.73		mg/Kg		82	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene	3.33	2.67		mg/Kg		80	60 - 120	0	30
1,2-Diphenylhydrazine	3.33	2.55		mg/Kg		76	55 - 125	2	30
2,2'-oxybis[1-chloropropane]	3.33	2.62		mg/Kg		79	46 - 126	1	30
2,3,4,6-Tetrachlorophenol	3.33	2.84		mg/Kg		85	62 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1024962/3-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1024962

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol			3.33	2.88		mg/Kg		86	64 - 120	1	30
2,4,6-Trichlorophenol			3.33	2.78		mg/Kg		83	65 - 120	1	30
2,4-Dichlorophenol			3.33	2.87		mg/Kg		86	66 - 120	2	30
2,4-Dimethylphenol			3.33	3.17		mg/Kg		95	46 - 120	0	30
2,4-Dinitrophenol			6.67	5.27		mg/Kg		79	41 - 129	2	30
2,4-Dinitrotoluene			3.33	2.90		mg/Kg		87	65 - 124	0	30
2,6-Dinitrotoluene			3.33	2.80		mg/Kg		84	67 - 121	3	30
2-Chloronaphthalene			3.33	2.70		mg/Kg		81	64 - 120	0	30
2-Chlorophenol			3.33	2.82		mg/Kg		85	63 - 120	1	30
2-Methylnaphthalene			3.33	2.45		mg/Kg		73	64 - 120	1	30
2-Methylphenol			3.33	3.02		mg/Kg		90	63 - 120	4	30
2-Nitroaniline			3.33	2.69		mg/Kg		81	48 - 120	0	30
2-Nitrophenol			3.33	2.67		mg/Kg		80	64 - 120	3	30
3,3'-Dichlorobenzidine			3.33	1.71		mg/Kg		51	10 - 120	1	30
3-Nitroaniline			3.33	2.28		mg/Kg		69	18 - 122	1	30
4,6-Dinitro-2-methylphenol			6.67	5.73		mg/Kg		86	58 - 136	1	30
4-Bromophenyl phenyl ether			3.33	2.72		mg/Kg		81	60 - 120	0	30
4-Chloro-3-methylphenol			3.33	2.83		mg/Kg		85	66 - 120	1	30
4-Chloroaniline			3.33	1.56		mg/Kg		47	10 - 120	0	30
4-Chlorophenyl phenyl ether			3.33	2.86		mg/Kg		86	62 - 120	0	30
4-Methylphenol			3.33	2.96		mg/Kg		89	61 - 120	2	30
4-Nitroaniline			3.33	2.55		mg/Kg		76	51 - 120	2	30
4-Nitrophenol			6.67	5.64		mg/Kg		85	42 - 132	3	30
Acenaphthene			3.33	2.78		mg/Kg		83	65 - 120	0	30
Acenaphthylene			3.33	2.88		mg/Kg		86	64 - 120	1	30
Acetophenone			3.33	2.81		mg/Kg		84	61 - 120	4	30
Anthracene			3.33	2.78		mg/Kg		84	67 - 120	0	30
Atrazine			1.33	1.37		mg/Kg		103	32 - 150	1	30
Benzaldehyde			1.33	1.08		mg/Kg		81	28 - 150	2	30
Benzidine			3.33	3.13		mg/Kg		94	10 - 120	6	30
Benzo[a]anthracene			3.33	2.64		mg/Kg		79	66 - 120	1	30
Benzo[a]pyrene			3.33	2.90		mg/Kg		87	73 - 123	0	30
Benzo[b]fluoranthene			3.33	2.71		mg/Kg		81	70 - 125	1	30
Benzo[g,h,i]perylene			3.33	3.02		mg/Kg		91	66 - 120	2	30
Benzo[k]fluoranthene			3.33	2.77		mg/Kg		83	67 - 122	1	30
Bis(2-chloroethoxy)methane			3.33	2.66		mg/Kg		80	62 - 120	2	30
Bis(2-chloroethyl)ether			3.33	2.60		mg/Kg		78	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3.33	2.67		mg/Kg		80	64 - 125	0	30
Butyl benzyl phthalate			3.33	2.50		mg/Kg		75	62 - 127	2	30
Caprolactam			1.33	1.20		mg/Kg		90	36 - 150	1	30
Carbazole			3.33	2.82		mg/Kg		85	64 - 120	3	30
Chrysene			3.33	2.62		mg/Kg		79	67 - 120	0	30
Dibenz(a,h)anthracene			3.33	2.98		mg/Kg		89	66 - 128	2	30
Dibenzofuran			3.33	2.80		mg/Kg		84	61 - 120	2	30
Diethyl phthalate			3.33	2.85		mg/Kg		86	63 - 120	0	30
Dimethyl phthalate			3.33	2.80		mg/Kg		84	65 - 120	0	30
Di-n-butyl phthalate			3.33	2.64		mg/Kg		79	66 - 120	1	30
Di-n-octyl phthalate			3.33	2.49		mg/Kg		75	61 - 123	1	30
Fluoranthene			3.33	2.84		mg/Kg		85	61 - 120	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1024962/3-A
Matrix: Solid
Analysis Batch: 1024993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1024962

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene			3.33	2.86		mg/Kg		86	64 - 120	1	30
Hexachlorobenzene			3.33	2.69		mg/Kg		81	66 - 120	2	30
Hexachlorobutadiene			3.33	2.68		mg/Kg		80	62 - 120	2	30
Hexachlorocyclopentadiene			3.33	3.59		mg/Kg		108	13 - 120	1	30
Hexachloroethane			3.33	2.76		mg/Kg		83	61 - 120	2	30
Indeno[1,2,3-cd]pyrene			3.33	2.91		mg/Kg		87	71 - 137	1	30
Isophorone			3.33	2.63		mg/Kg		79	61 - 120	1	30
Naphthalene			3.33	2.73		mg/Kg		82	63 - 120	2	30
Nitrobenzene			3.33	2.82		mg/Kg		85	63 - 120	2	30
N-Nitrosodimethylamine			3.33	2.58		mg/Kg		77	57 - 120	1	30
N-Nitrosodi-n-propylamine			3.33	2.75		mg/Kg		82	56 - 120	3	30
N-Nitrosodiphenylamine			3.33	2.63		mg/Kg		79	63 - 120	1	30
Pentachlorophenol			6.67	5.86		mg/Kg		88	61 - 126	1	30
Phenanthrene			3.33	2.77		mg/Kg		83	66 - 120	0	30
Phenol			3.33	2.81		mg/Kg		84	63 - 120	3	30
Pyrene			3.33	2.55		mg/Kg		76	61 - 121	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*24 - 137*
2-Fluorobiphenyl	*73*		*38 - 128*
2-Fluorophenol (Surr)	*76*		*31 - 133*
Nitrobenzene-d5 (Surr)	*71*		*31 - 120*
Phenol-d5 (Surr)	*76*		*35 - 132*
Terphenyl-d14 (Surr)	*69*		*44 - 147*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1024881/1-A
Matrix: Solid
Analysis Batch: 1025092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024881

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Antimony	1.0	U	1.0	0.15	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Barium	2.0	U	2.0	0.15	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Calcium	100	U	100	40.7	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Chromium	2.0	U	2.0	0.91	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Copper	2.0	U	2.0	0.37	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Iron	60.0	U	60.0	20.2	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Lead	0.60	U	0.60	0.20	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Magnesium	100	U	100	10.2	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Manganese	4.0	U	4.0	0.40	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Nickel	2.0	U	2.0	0.47	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Potassium	100	U	100	16.2	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Selenium	1.3	U	1.3	0.13	mg/Kg		03/08/25 19:50	03/10/25 20:17	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1024881/1-A
Matrix: Solid
Analysis Batch: 1025092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024881

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.40	U	0.40	0.089	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Sodium	100	U	100	45.7	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Thallium	0.40	U	0.40	0.041	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		03/08/25 19:50	03/10/25 20:17	1
Zinc	8.0	U	8.0	3.1	mg/Kg		03/08/25 19:50	03/10/25 20:17	1

Lab Sample ID: LCSSRM 460-1024881/2-A ^3
Matrix: Solid
Analysis Batch: 1025092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024881

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5560		mg/Kg		81.3	53.2 - 146.2
Antimony	131	60.92		mg/Kg		46.5	4.5 - 195.4
Arsenic	192	188.4		mg/Kg		98.1	81.3 - 118.8
Barium	219	219.4		mg/Kg		100.2	81.7 - 118.3
Beryllium	146	153.9		mg/Kg		105.4	82.2 - 117.8
Cadmium	114	111.0		mg/Kg		97.4	81.7 - 118.4
Calcium	4080	3965		mg/Kg		97.2	82.4 - 117.6
Chromium	153	150.5		mg/Kg		98.4	81.0 - 119.0
Cobalt	231	232.0		mg/Kg		100.4	83.1 - 117.3
Copper	91.2	89.31		mg/Kg		97.9	83.1 - 117.3
Iron	7020	5888		mg/Kg		83.9	60.7 - 139.2
Lead	141	136.6		mg/Kg		96.9	81.6 - 118.4
Magnesium	1900	1725		mg/Kg		90.8	76.3 - 123.7
Manganese	401	387.3		mg/Kg		96.6	80.8 - 119.0
Nickel	143	145.4		mg/Kg		101.6	81.8 - 118.9
Potassium	1760	1573		mg/Kg		89.4	72.2 - 127.8
Selenium	94.7	93.78		mg/Kg		99.0	78.5 - 121.4
Silver	77.0	76.10		mg/Kg		98.8	79.4 - 120.6
Sodium	661	668.6		mg/Kg		101.2	73.7 - 126.2
Thallium	183	188.5		mg/Kg		103.0	80.3 - 119.7
Vanadium	159	150.1		mg/Kg		94.4	78.6 - 122.0

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1024881/2-A ^3
Matrix: Solid
Analysis Batch: 1025092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024881

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			292	284.5		mg/Kg		97.4	79.8 - 120.2		

Lab Sample ID: 460-321549-E-1-D MS
Matrix: Solid
Analysis Batch: 1025092

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1024881

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum	7020		398	8738	4	mg/Kg	☼	430	75 - 125		
Antimony	1.4		3.98	5.37		mg/Kg	☼	100	75 - 125		
Arsenic	6.3		7.97	13.93		mg/Kg	☼	96	75 - 125		
Barium	34.3		7.97	44.36	4	mg/Kg	☼	126	75 - 125		
Beryllium	0.50		3.98	4.46		mg/Kg	☼	99	75 - 125		
Cadmium	0.27	J	3.98	4.01		mg/Kg	☼	94	75 - 125		
Calcium	3090		398	4090	4	mg/Kg	☼	251	75 - 125		
Chromium	14.3		7.97	22.57		mg/Kg	☼	104	75 - 125		
Cobalt	6.1		3.98	9.90		mg/Kg	☼	96	75 - 125		
Copper	30.2		7.97	36.24		mg/Kg	☼	76	75 - 125		
Iron	16200		398	15890	4	mg/Kg	☼	-79	75 - 125		
Lead	61.8		3.98	51.35	4	mg/Kg	☼	-262	75 - 125		
Magnesium	2480		398	3320	4	mg/Kg	☼	211	75 - 125		
Manganese	146		39.8	183.1		mg/Kg	☼	94	75 - 125		
Nickel	11.5		7.97	19.46		mg/Kg	☼	100	75 - 125		
Potassium	1290		398	1861	N	mg/Kg	☼	144	75 - 125		
Selenium	0.34	J	7.97	7.81		mg/Kg	☼	94	75 - 125		
Silver	0.14	J	3.98	4.07		mg/Kg	☼	99	75 - 125		
Sodium	80.6		398	477.3		mg/Kg	☼	100	75 - 125		
Thallium	0.078	J	3.19	3.19		mg/Kg	☼	98	75 - 125		
Vanadium	24.5		7.97	32.44		mg/Kg	☼	99	75 - 125		
Zinc	78.7		39.8	111.7		mg/Kg	☼	83	75 - 125		

Lab Sample ID: 460-321549-E-1-C DU
Matrix: Solid
Analysis Batch: 1025092

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1024881

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	7020			6933		mg/Kg	☼			1	20
Antimony	1.4			1.35		mg/Kg	☼			3	20
Arsenic	6.3			6.19		mg/Kg	☼			2	20
Barium	34.3			33.87		mg/Kg	☼			1	20
Beryllium	0.50			0.473		mg/Kg	☼			5	20
Cadmium	0.27	J		0.259	J	mg/Kg	☼			4	20
Calcium	3090			2828		mg/Kg	☼			9	20
Chromium	14.3			14.28		mg/Kg	☼			0.2	20
Cobalt	6.1			6.51		mg/Kg	☼			7	20
Copper	30.2			28.57		mg/Kg	☼			5	20
Iron	16200			16410		mg/Kg	☼			1	20
Lead	61.8			48.26	*	mg/Kg	☼			25	20
Magnesium	2480			2605		mg/Kg	☼			5	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-321549-E-1-C DU
Matrix: Solid
Analysis Batch: 1025092

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1024881

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Manganese	146		147.9		mg/Kg	☼	2	20
Nickel	11.5		11.53		mg/Kg	☼	0.2	20
Potassium	1290		1257		mg/Kg	☼	3	20
Selenium	0.34	J	0.345	J	mg/Kg	☼	0.3	20
Silver	0.14	J	0.127	J	mg/Kg	☼	12	20
Sodium	80.6		80.07		mg/Kg	☼	0.7	20
Thallium	0.078	J	0.0719	J	mg/Kg	☼	8	20
Vanadium	24.5		23.90		mg/Kg	☼	3	20
Zinc	78.7		74.72		mg/Kg	☼	5	20

Lab Sample ID: MB 460-1024957/1-A
Matrix: Solid
Analysis Batch: 1025300

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024957

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Antimony	1.0	U	1.0	0.15	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Barium	2.0	U	2.0	0.15	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Calcium	100	U	100	40.7	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Chromium	2.0	U	2.0	0.91	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Copper	2.0	U	2.0	0.37	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Iron	60.0	U	60.0	20.2	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Lead	0.60	U	0.60	0.20	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Magnesium	100	U	100	10.2	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Manganese	4.0	U	4.0	0.40	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Nickel	2.0	U	2.0	0.47	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Potassium	100	U	100	16.2	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Selenium	1.3	U	1.3	0.13	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Silver	0.40	U	0.40	0.089	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Sodium	100	U	100	45.7	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Thallium	0.40	U	0.40	0.041	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		03/09/25 17:00	03/11/25 17:07	1
Zinc	8.0	U	8.0	3.1	mg/Kg		03/09/25 17:00	03/11/25 17:07	1

Lab Sample ID: LCSSRM 460-1024957/2-A ^3
Matrix: Solid
Analysis Batch: 1025300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024957

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6034		mg/Kg		88.2	53.2 - 146.2
Antimony	131	68.53		mg/Kg		52.3	4.5 - 195.4
Arsenic	192	189.8		mg/Kg		98.9	81.3 - 118.8

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1024957/2-A ^3
Matrix: Solid
Analysis Batch: 1025300

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024957

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Barium	219	214.7		mg/Kg		98.0	81.7 - 118.3
Beryllium	146	153.0		mg/Kg		104.8	82.2 - 117.8
Cadmium	114	118.0		mg/Kg		103.5	81.7 - 118.4
Calcium	4080	4092		mg/Kg		100.3	82.4 - 117.6
Chromium	153	157.7		mg/Kg		103.1	81.0 - 119.0
Cobalt	231	243.0		mg/Kg		105.2	83.1 - 117.3
Copper	91.2	92.46		mg/Kg		101.4	83.1 - 117.3
Iron	7020	6162		mg/Kg		87.8	60.7 - 139.2
Lead	141	135.1		mg/Kg		95.8	81.6 - 118.4
Magnesium	1900	1771		mg/Kg		93.2	76.3 - 123.7
Manganese	401	391.3		mg/Kg		97.6	80.8 - 119.0
Nickel	143	155.2		mg/Kg		108.5	81.8 - 118.9
Potassium	1760	1641		mg/Kg		93.2	72.2 - 127.8
Selenium	94.7	95.66		mg/Kg		101.0	78.5 - 121.4
Silver	77.0	75.09		mg/Kg		97.5	79.4 - 120.6
Sodium	661	700.4		mg/Kg		106.0	73.7 - 126.2
Thallium	183	195.1		mg/Kg		106.6	80.3 - 119.7
Vanadium	159	157.4		mg/Kg		99.0	78.6 - 122.0
Zinc	292	296.9		mg/Kg		101.7	79.8 - 120.2

Lab Sample ID: 460-321609-A-3-E MS
Matrix: Solid
Analysis Batch: 1025300

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1024957

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	4040		415	5338	4	mg/Kg	☼	313	75 - 125
Antimony	1.4		4.15	4.92		mg/Kg	☼	86	75 - 125
Arsenic	9.2		8.31	13.58	N	mg/Kg	☼	53	75 - 125
Barium	13.6		8.31	23.74		mg/Kg	☼	122	75 - 125
Beryllium	0.60		4.15	4.36		mg/Kg	☼	90	75 - 125
Cadmium	0.21	J	4.15	3.91		mg/Kg	☼	89	75 - 125
Calcium	572		415	960.5		mg/Kg	☼	94	75 - 125
Chromium	14.8		8.31	20.08	N	mg/Kg	☼	64	75 - 125
Cobalt	4.5		4.15	8.27		mg/Kg	☼	90	75 - 125
Copper	27.1		8.31	30.53	N	mg/Kg	☼	41	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-321609-A-3-E MS
Matrix: Solid
Analysis Batch: 1025300

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1024957

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	30600		415	18710	4	mg/Kg	☼	-2858	75 - 125
Lead	52.2		4.15	48.58	4	mg/Kg	☼	-88	75 - 125
Magnesium	1130		415	2106	N	mg/Kg	☼	236	75 - 125
Manganese	107		41.5	100.9	N	mg/Kg	☼	-14	75 - 125
Nickel	10.8		8.31	18.07		mg/Kg	☼	87	75 - 125
Potassium	992		415	1655	N	mg/Kg	☼	160	75 - 125
Selenium	0.32	J	8.31	7.76		mg/Kg	☼	90	75 - 125
Silver	0.12	J	4.15	4.02		mg/Kg	☼	94	75 - 125
Sodium	41.8	J	415	428.8		mg/Kg	☼	93	75 - 125
Thallium	0.051	J	3.32	3.18		mg/Kg	☼	94	75 - 125
Vanadium	37.6		8.31	32.07	4	mg/Kg	☼	-67	75 - 125
Zinc	69.2		41.5	102.0		mg/Kg	☼	79	75 - 125

Lab Sample ID: 460-321609-A-3-D DU
Matrix: Solid
Analysis Batch: 1025300

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1024957

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	4040		4483		mg/Kg	☼	10	20
Antimony	1.4		1.30		mg/Kg	☼	4	20
Arsenic	9.2		5.31	*	mg/Kg	☼	53	20
Barium	13.6		16.15		mg/Kg	☼	17	20
Beryllium	0.60		0.356		mg/Kg	☼	51	20
Cadmium	0.21	J	0.156	J	mg/Kg	☼	27	20
Calcium	572		716.6	*	mg/Kg	☼	22	20
Chromium	14.8		11.09	*	mg/Kg	☼	29	20
Cobalt	4.5		4.75		mg/Kg	☼	4	20
Copper	27.1		23.24		mg/Kg	☼	15	20
Iron	30600		18220	*	mg/Kg	☼	51	20
Lead	52.2		43.68		mg/Kg	☼	18	20
Magnesium	1130		1745	*	mg/Kg	☼	43	20
Manganese	107		71.55	*	mg/Kg	☼	39	20
Nickel	10.8		10.77		mg/Kg	☼	0.4	20
Potassium	992		998.0		mg/Kg	☼	0.6	20
Selenium	0.32	J	0.233	J	mg/Kg	☼	31	20
Silver	0.12	J	0.123	J	mg/Kg	☼	4	20
Sodium	41.8	J	49.48	J	mg/Kg	☼	17	20
Thallium	0.051	J	0.0668	J	mg/Kg	☼	27	20
Vanadium	37.6		22.53	*	mg/Kg	☼	50	20
Zinc	69.2		62.44		mg/Kg	☼	10	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1025366/1-A
Matrix: Solid
Analysis Batch: 1025418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1025366

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		03/12/25 00:56	03/12/25 04:58	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 460-1025366/2-A ^40
Matrix: Solid
Analysis Batch: 1025418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1025366

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			14.1	13.40		mg/Kg		95.0	69.6 - 130.5		

Lab Sample ID: 460-321306-A-5-F MS
Matrix: Solid
Analysis Batch: 1025418

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1025366

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.011	J	0.0874	0.105		mg/Kg	☼	108	80 - 120		

Lab Sample ID: 460-321306-A-5-E DU
Matrix: Solid
Analysis Batch: 1025418

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1025366

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.011	J		0.0139	J	mg/Kg	☼			20	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-321585-4 DU
Matrix: Solid
Analysis Batch: 1025005

Client Sample ID: B-04_1-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	3.2			5.0	*	%				45	20
Percent Solids	96.8			95.0		%				2	20

GC/MS VOA

Prep Batch: 1024903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	5035	
460-321585-2	B-02_1-3	Total/NA	Solid	5035	
460-321585-3	B-03_2-4	Total/NA	Solid	5035	
460-321585-4	B-04_1-3	Total/NA	Solid	5035	
460-321585-5	B-05_0-2	Total/NA	Solid	5035	
460-321585-6	B-06_0-2	Total/NA	Solid	5035	
460-321585-7	B-07_0-2	Total/NA	Solid	5035	
460-321585-8	B-08_0-2	Total/NA	Solid	5035	

Analysis Batch: 1024978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-2	B-02_1-3	Total/NA	Solid	8260D	1024903
460-321585-3	B-03_2-4	Total/NA	Solid	8260D	1024903
460-321585-4	B-04_1-3	Total/NA	Solid	8260D	1024903
460-321585-5	B-05_0-2	Total/NA	Solid	8260D	1024903
460-321585-6	B-06_0-2	Total/NA	Solid	8260D	1024903
460-321585-7	B-07_0-2	Total/NA	Solid	8260D	1024903
460-321585-8	B-08_0-2	Total/NA	Solid	8260D	1024903
MB 460-1024978/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1024978/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1024978/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1025280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	8260D	1024903
MB 460-1025280/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1025280/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1025280/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1024962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	3546	
460-321585-2	B-02_1-3	Total/NA	Solid	3546	
460-321585-3	B-03_2-4	Total/NA	Solid	3546	
460-321585-4	B-04_1-3	Total/NA	Solid	3546	
460-321585-5	B-05_0-2	Total/NA	Solid	3546	
460-321585-6	B-06_0-2	Total/NA	Solid	3546	
460-321585-7	B-07_0-2	Total/NA	Solid	3546	
460-321585-8	B-08_0-2	Total/NA	Solid	3546	
MB 460-1024962/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1024962/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1024962/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 1024993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	8270E	1024962
460-321585-2	B-02_1-3	Total/NA	Solid	8270E	1024962
460-321585-3	B-03_2-4	Total/NA	Solid	8270E	1024962
460-321585-4	B-04_1-3	Total/NA	Solid	8270E	1024962

GC/MS Semi VOA (Continued)

Analysis Batch: 1024993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-5	B-05_0-2	Total/NA	Solid	8270E	1024962
460-321585-6	B-06_0-2	Total/NA	Solid	8270E	1024962
460-321585-7	B-07_0-2	Total/NA	Solid	8270E	1024962
460-321585-8	B-08_0-2	Total/NA	Solid	8270E	1024962
MB 460-1024962/1-A	Method Blank	Total/NA	Solid	8270E	1024962
LCS 460-1024962/2-A	Lab Control Sample	Total/NA	Solid	8270E	1024962
LCSD 460-1024962/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1024962

Metals

Prep Batch: 1024881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	3050B	
460-321585-2	B-02_1-3	Total/NA	Solid	3050B	
460-321585-3	B-03_2-4	Total/NA	Solid	3050B	
460-321585-4	B-04_1-3	Total/NA	Solid	3050B	
MB 460-1024881/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1024881/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-321549-E-1-D MS	Matrix Spike	Total/NA	Solid	3050B	
460-321549-E-1-C DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1024957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-5	B-05_0-2	Total/NA	Solid	3050B	
460-321585-6	B-06_0-2	Total/NA	Solid	3050B	
460-321585-7	B-07_0-2	Total/NA	Solid	3050B	
460-321585-8	B-08_0-2	Total/NA	Solid	3050B	
MB 460-1024957/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1024957/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-321609-A-3-E MS	Matrix Spike	Total/NA	Solid	3050B	
460-321609-A-3-D DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1025081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	6020B	1024881
460-321585-2	B-02_1-3	Total/NA	Solid	6020B	1024881
460-321585-3	B-03_2-4	Total/NA	Solid	6020B	1024881
460-321585-4	B-04_1-3	Total/NA	Solid	6020B	1024881

Analysis Batch: 1025092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1024881/1-A	Method Blank	Total/NA	Solid	6020B	1024881
LCSSRM 460-1024881/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1024881
460-321549-E-1-D MS	Matrix Spike	Total/NA	Solid	6020B	1024881
460-321549-E-1-C DU	Duplicate	Total/NA	Solid	6020B	1024881

Analysis Batch: 1025300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-5	B-05_0-2	Total/NA	Solid	6020B	1024957
460-321585-6	B-06_0-2	Total/NA	Solid	6020B	1024957
460-321585-7	B-07_0-2	Total/NA	Solid	6020B	1024957

Metals (Continued)

Analysis Batch: 1025300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-8	B-08_0-2	Total/NA	Solid	6020B	1024957
MB 460-1024957/1-A	Method Blank	Total/NA	Solid	6020B	1024957
LCSSRM 460-1024957/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1024957
460-321609-A-3-E MS	Matrix Spike	Total/NA	Solid	6020B	1024957
460-321609-A-3-D DU	Duplicate	Total/NA	Solid	6020B	1024957

Prep Batch: 1025366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	7471B	
460-321585-2	B-02_1-3	Total/NA	Solid	7471B	
460-321585-3	B-03_2-4	Total/NA	Solid	7471B	
460-321585-4	B-04_1-3	Total/NA	Solid	7471B	
460-321585-5	B-05_0-2	Total/NA	Solid	7471B	
460-321585-6	B-06_0-2	Total/NA	Solid	7471B	
460-321585-7	B-07_0-2	Total/NA	Solid	7471B	
460-321585-8	B-08_0-2	Total/NA	Solid	7471B	
MB 460-1025366/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1025366/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-321306-A-5-F MS	Matrix Spike	Total/NA	Solid	7471B	
460-321306-A-5-E DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1025418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	7471B	1025366
460-321585-2	B-02_1-3	Total/NA	Solid	7471B	1025366
460-321585-3	B-03_2-4	Total/NA	Solid	7471B	1025366
460-321585-4	B-04_1-3	Total/NA	Solid	7471B	1025366
460-321585-5	B-05_0-2	Total/NA	Solid	7471B	1025366
460-321585-6	B-06_0-2	Total/NA	Solid	7471B	1025366
460-321585-7	B-07_0-2	Total/NA	Solid	7471B	1025366
460-321585-8	B-08_0-2	Total/NA	Solid	7471B	1025366
MB 460-1025366/1-A	Method Blank	Total/NA	Solid	7471B	1025366
LCSSRM 460-1025366/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1025366
460-321306-A-5-F MS	Matrix Spike	Total/NA	Solid	7471B	1025366
460-321306-A-5-E DU	Duplicate	Total/NA	Solid	7471B	1025366

General Chemistry

Analysis Batch: 1025005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321585-1	B-01_1-3	Total/NA	Solid	Moisture	
460-321585-2	B-02_1-3	Total/NA	Solid	Moisture	
460-321585-3	B-03_2-4	Total/NA	Solid	Moisture	
460-321585-4	B-04_1-3	Total/NA	Solid	Moisture	
460-321585-5	B-05_0-2	Total/NA	Solid	Moisture	
460-321585-6	B-06_0-2	Total/NA	Solid	Moisture	
460-321585-7	B-07_0-2	Total/NA	Solid	Moisture	
460-321585-8	B-08_0-2	Total/NA	Solid	Moisture	
460-321639-A-78 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-321639-A-78 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-321585-4 DU	B-04_1-3	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-01_1-3
Date Collected: 03/06/25 10:15
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 07:39

Client Sample ID: B-01_1-3
Date Collected: 03/06/25 10:15
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-1
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 07:50
Total/NA	Analysis	8260D		1	1025280	MZS	EET EDI	03/11/25 21:25
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 14:20
Total/NA	Prep	3050B			1024881	GAE	EET EDI	03/08/25 19:50
Total/NA	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 21:33
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:22

Client Sample ID: B-02_1-3
Date Collected: 03/06/25 11:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 07:39

Client Sample ID: B-02_1-3
Date Collected: 03/06/25 11:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-2
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 07:54
Total/NA	Analysis	8260D		1	1024978	AAT	EET EDI	03/10/25 11:57
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 14:42
Total/NA	Prep	3050B			1024881	GAE	EET EDI	03/08/25 19:50
Total/NA	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 21:36
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:23

Client Sample ID: B-03_2-4
Date Collected: 03/06/25 10:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 07:39

Client Sample ID: B-03_2-4
Date Collected: 03/06/25 10:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-3
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 07:58
Total/NA	Analysis	8260D		1	1024978	AAT	EET EDI	03/10/25 09:27
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 10:35
Total/NA	Prep	3050B			1024881	GAE	EET EDI	03/08/25 19:50
Total/NA	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 21:39
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:25

Client Sample ID: B-04_1-3
Date Collected: 03/06/25 10:45
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 07:39

Client Sample ID: B-04_1-3
Date Collected: 03/06/25 10:45
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-4
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 08:03
Total/NA	Analysis	8260D		1	1024978	AAT	EET EDI	03/10/25 09:52
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 15:04
Total/NA	Prep	3050B			1024881	GAE	EET EDI	03/08/25 19:50
Total/NA	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 21:41
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:27

Client Sample ID: B-05_0-2
Date Collected: 03/06/25 09:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 08:40

Client Sample ID: B-05_0-2
Date Collected: 03/06/25 09:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-5
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 08:07
Total/NA	Analysis	8260D		1	1024978	AAT	EET EDI	03/10/25 10:17
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 15:27

Client Sample ID: B-05_0-2
Date Collected: 03/06/25 09:25
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-5
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1024957	GAE	EET EDI	03/09/25 17:00
Total/NA	Analysis	6020B		1	1025300	JKF	EET EDI	03/11/25 18:18
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:33

Client Sample ID: B-06_0-2
Date Collected: 03/06/25 09:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 08:40

Client Sample ID: B-06_0-2
Date Collected: 03/06/25 09:50
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-6
Matrix: Solid
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 08:11
Total/NA	Analysis	8260D		1	1024978	AAT	EET EDI	03/10/25 10:42
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 11:20
Total/NA	Prep	3050B			1024957	GAE	EET EDI	03/09/25 17:00
Total/NA	Analysis	6020B		1	1025300	JKF	EET EDI	03/11/25 18:21
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:34

Client Sample ID: B-07_0-2
Date Collected: 03/06/25 11:20
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 08:40

Client Sample ID: B-07_0-2
Date Collected: 03/06/25 11:20
Date Received: 03/06/25 18:30

Lab Sample ID: 460-321585-7
Matrix: Solid
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 08:15
Total/NA	Analysis	8260D		1	1024978	AAT	EET EDI	03/10/25 11:07
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 11:43
Total/NA	Prep	3050B			1024957	GAE	EET EDI	03/09/25 17:00
Total/NA	Analysis	6020B		1	1025300	JKF	EET EDI	03/11/25 18:23
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:36

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Client Sample ID: B-08_0-2

Lab Sample ID: 460-321585-8
Date Collected: 03/06/25 11:30
Matrix: Solid
Date Received: 03/06/25 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1025005	MVA	EET EDI	03/10/25 08:40

Client Sample ID: B-08_0-2

Lab Sample ID: 460-321585-8
Date Collected: 03/06/25 11:30
Matrix: Solid
Date Received: 03/06/25 18:30
Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1024903	AAT	EET EDI	03/09/25 08:19
Total/NA	Analysis	8260D		1	1024978	AAT	EET EDI	03/10/25 11:32
Total/NA	Prep	3546			1024962	ZXB	EET EDI	03/09/25 18:35
Total/NA	Analysis	8270E		1	1024993	DXD	EET EDI	03/10/25 16:12
Total/NA	Prep	3050B			1024957	GAE	EET EDI	03/09/25 17:00
Total/NA	Analysis	6020B		1	1025300	JKF	EET EDI	03/11/25 18:26
Total/NA	Prep	7471B			1025366	TJS	EET EDI	03/12/25 00:56
Total/NA	Analysis	7471B		1	1025418	TJS	EET EDI	03/12/25 05:38

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-321585-1
Project/Site: 101 East Kingsbridge Road

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 460-321585-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-321585-1	B-01_1-3	Solid	03/06/25 10:15	03/06/25 18:30
460-321585-2	B-02_1-3	Solid	03/06/25 11:25	03/06/25 18:30
460-321585-3	B-03_2-4	Solid	03/06/25 10:50	03/06/25 18:30
460-321585-4	B-04_1-3	Solid	03/06/25 10:45	03/06/25 18:30
460-321585-5	B-05_0-2	Solid	03/06/25 09:25	03/06/25 18:30
460-321585-6	B-06_0-2	Solid	03/06/25 09:50	03/06/25 18:30
460-321585-7	B-07_0-2	Solid	03/06/25 11:20	03/06/25 18:30
460-321585-8	B-08_0-2	Solid	03/06/25 11:30	03/06/25 18:30

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins | Environment Testing

NYC 222

Client Information	Sampler: Calvin Jackson	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-192091-125685.1
Client Contact: Nicole Mooney	Phone: 929-729-1243	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 321585

Address: 213 West 35th St	Due Date Requested:	
City: New York	TAT Requested (days): Standard	
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No	
Phone: 646-984-5064	PO #: 0213081	
Email: NMooney@haleyaldrich.com	WO #:	
Project Name: 101 East Kingsbridge Road, Bronx	Project #: 46046022	
Site: 101 E Kingsbridge Road	SSOW#:	

Analysis Requested

460-321585 Chain of Custody

SHORT HOLD

Preservation Codes:
A HCL
F MeOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL VOCs	8270E TCL SVOCs	6020B, 7471B TAL Metals + Hg	Total Number of cont'd	Special Instructions/Note:
			Preservation Code:								
B-01_1-3	3/06/25	10 15	G	S Water	N	N	X	X	X	3	-1
B-02_1-3	↓	11 25	G	S Water	↓	↓	↓	↓	↓	↓	-2
B-03_2-4		10 50	G	S Water							-3
B-04_1-3		10 45	G	Solid							-4
B-05_0-2		9-25	G	Solid							-5
B-06_0-2		9 50	G	Solid							-6
B-07_0-2		11 20	G	Solid							-7
B-08_0-2	↓	11 30	G	Solid	↓	↓	↓	↓	↓	↓	-8
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Calvin Jackson	03/06/25 14 25			3/6/25 1430	
2		3/6/25 1700			3-6-25 16:00	KET
3		3-6-25 18:30	KET		3/6 1830	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 10/05 ER #9

Cooler Temperature(s) °C and Other Remarks: 1.3/1.7 °C

Ver 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 321585

Number of Coolers: 1

IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.3 °C	1.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038 Rev 4.1
10/22/2019

Initials: MM

Date: 3-6-25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-321585-1

Login Number: 321585
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Calvin Jackson
Haley & Aldrich, Inc.
213 West 35th St
New York, New York 10001

Generated 3/13/2025 1:13:30 PM

JOB DESCRIPTION

101 East Kingsbridge Road

JOB NUMBER

200-77236-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

Job Notes

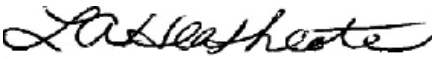
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Generated
3/13/2025 1:13:30 PM

Authorized for release by
Lee Ann Heathcote, Project Manager II
LeeAnn.Heathcote@et.eurofinsus.com
(802)923-1028

Table of Contents

Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 200-77236-1 Eurofins Burlington

Job Narrative
200-77236-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/7/2025 10:30 AM. Unless otherwise noted below, the samples arrived in good condition.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Client Sample ID: SP-01 — Lab Sample ID: 200-77236-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	320		12	4.8	ug/m3	10		TO-15	Total/NA
1,3-Butadiene	3.6	J	4.4	0.86	ug/m3	10		TO-15	Total/NA
Acetone	260		120	38	ug/m3	10		TO-15	Total/NA
Carbon disulfide	8.5	J	16	4.0	ug/m3	10		TO-15	Total/NA
n-Hexane	24		18	3.9	ug/m3	10		TO-15	Total/NA
Cyclohexane	5.2	J	6.9	2.0	ug/m3	10		TO-15	Total/NA
2,2,4-Trimethylpentane	17		9.3	1.8	ug/m3	10		TO-15	Total/NA
Benzene	18		6.4	1.4	ug/m3	10		TO-15	Total/NA
n-Heptane	100		8.2	2.3	ug/m3	10		TO-15	Total/NA
Toluene	66		7.5	2.3	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	5.1	J	14	1.4	ug/m3	10		TO-15	Total/NA
Cumene	33		9.8	2.0	ug/m3	10		TO-15	Total/NA
n-Propylbenzene	5.9	J	9.8	2.3	ug/m3	10		TO-15	Total/NA
4-Ethyltoluene	4.5	J	9.8	2.4	ug/m3	10		TO-15	Total/NA
1,3,5-Trimethylbenzene	4.3	J	9.8	2.3	ug/m3	10		TO-15	Total/NA
1,2,4-Trimethylbenzene	11		9.8	3.9	ug/m3	10		TO-15	Total/NA
Ethylbenzene - DL	2000	D	35	12	ug/m3	40		TO-15	Total/NA
m,p-Xylene - DL	6400	D	87	17	ug/m3	40		TO-15	Total/NA
o-Xylene - DL	1900	D	35	11	ug/m3	40		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	130		5.0	2.0	ppb v/v	10		TO-15	Total/NA
1,3-Butadiene	1.6	J	2.0	0.39	ppb v/v	10		TO-15	Total/NA
Acetone	110		50	16	ppb v/v	10		TO-15	Total/NA
Carbon disulfide	2.7	J	5.0	1.3	ppb v/v	10		TO-15	Total/NA
n-Hexane	6.8		5.0	1.1	ppb v/v	10		TO-15	Total/NA
Cyclohexane	1.5	J	2.0	0.58	ppb v/v	10		TO-15	Total/NA
2,2,4-Trimethylpentane	3.6		2.0	0.38	ppb v/v	10		TO-15	Total/NA
Benzene	5.8		2.0	0.44	ppb v/v	10		TO-15	Total/NA
n-Heptane	24		2.0	0.55	ppb v/v	10		TO-15	Total/NA
Toluene	18		2.0	0.62	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	0.76	J	2.0	0.21	ppb v/v	10		TO-15	Total/NA
Cumene	6.6		2.0	0.41	ppb v/v	10		TO-15	Total/NA
n-Propylbenzene	1.2	J	2.0	0.47	ppb v/v	10		TO-15	Total/NA
4-Ethyltoluene	0.92	J	2.0	0.49	ppb v/v	10		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.88	J	2.0	0.47	ppb v/v	10		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.3		2.0	0.80	ppb v/v	10		TO-15	Total/NA
Ethylbenzene - DL	460	D	8.0	2.8	ppb v/v	40		TO-15	Total/NA
m,p-Xylene - DL	1500	D	20	3.8	ppb v/v	40		TO-15	Total/NA
o-Xylene - DL	430	D	8.0	2.5	ppb v/v	40		TO-15	Total/NA

Client Sample ID: SP-02 — Lab Sample ID: 200-77236-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.2	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.0		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	27		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.57		0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.48	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	5.0		1.6	0.40	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Client Sample ID: SP-02 (Continued)

Lab Sample ID: 200-77236-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butyl alcohol	4.0	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	2.4		1.8	0.39	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	0.10	J	0.81	0.10	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.4		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	1.0		0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.1		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.35		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.1		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.8		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	3.0		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.30		0.20	0.13	ug/m3	1		TO-15	Total/NA
Toluene	15		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	46		1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	3.3		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	11		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	4.1		0.87	0.27	ug/m3	1		TO-15	Total/NA
Cumene	3.4		0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.56	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.66	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.78	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.8		0.98	0.39	ug/m3	1		TO-15	Total/NA
Acetone - DL	110	D	24	7.6	ug/m3	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.34	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.50		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	11		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.26		0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.062	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	1.6		0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.3	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.67		0.50	0.11	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	0.026	J	0.20	0.025	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.83		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.21		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.32		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.056		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.45		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.89		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.74		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.056		0.037	0.025	ppb v/v	1		TO-15	Total/NA
Toluene	3.9		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	6.8		0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.76		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	2.6		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.94		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Cumene	0.69		0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.11	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.13	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.16	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SP-02 (Continued)

Lab Sample ID: 200-77236-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.36		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Acetone - DL	47	D	10	3.2	ppb v/v	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Client Sample ID: SP-01
Date Collected: 03/06/25 12:55
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77236-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	25	U	25	5.4	ug/m3			03/11/25 20:20	10
Chlorodifluoromethane	18	U	18	4.2	ug/m3			03/11/25 20:20	10
1,2-Dichlorotetrafluoroethane	14	U	14	3.4	ug/m3			03/11/25 20:20	10
Chloromethane	10	U	10	3.1	ug/m3			03/11/25 20:20	10
n-Butane	**320**		12	4.8	ug/m3			03/11/25 20:20	10
Vinyl chloride	2.0	U	2.0	0.54	ug/m3			03/11/25 20:20	10
1,3-Butadiene	**3.6**	**J**	4.4	0.86	ug/m3			03/11/25 20:20	10
Bromomethane	7.8	U	7.8	2.8	ug/m3			03/11/25 20:20	10
Chloroethane	13	U	13	4.7	ug/m3			03/11/25 20:20	10
Bromoethene(Vinyl Bromide)	8.7	U	8.7	2.2	ug/m3			03/11/25 20:20	10
Trichlorofluoromethane	11	U	11	2.8	ug/m3			03/11/25 20:20	10
1,1,2-Trichlorotrifluoroethane	15	U	15	4.1	ug/m3			03/11/25 20:20	10
1,1-Dichloroethene	2.0	U	2.0	1.0	ug/m3			03/11/25 20:20	10
Acetone	**260**		120	38	ug/m3			03/11/25 20:20	10
Isopropyl alcohol	120	U	120	39	ug/m3			03/11/25 20:20	10
Carbon disulfide	**8.5**	**J**	16	4.0	ug/m3			03/11/25 20:20	10
3-Chloropropene	16	U	16	3.8	ug/m3			03/11/25 20:20	10
Methylene Chloride	17	U	17	6.3	ug/m3			03/11/25 20:20	10
tert-Butyl alcohol	150	U	150	36	ug/m3			03/11/25 20:20	10
Methyl tert-butyl ether	7.2	U	7.2	1.3	ug/m3			03/11/25 20:20	10
trans-1,2-Dichloroethene	7.9	U	7.9	0.91	ug/m3			03/11/25 20:20	10
n-Hexane	**24**		18	3.9	ug/m3			03/11/25 20:20	10
1,1-Dichloroethane	8.1	U	8.1	1.0	ug/m3			03/11/25 20:20	10
Methyl Ethyl Ketone (2-Butanone)	15	U	15	14	ug/m3			03/11/25 20:20	10
cis-1,2-Dichloroethene	2.0	U	2.0	0.83	ug/m3			03/11/25 20:20	10
Chloroform	9.8	U	9.8	2.0	ug/m3			03/11/25 20:20	10
Tetrahydrofuran	150	U	150	38	ug/m3			03/11/25 20:20	10
1,1,1-Trichloroethane	11	U	11	2.4	ug/m3			03/11/25 20:20	10
Cyclohexane	**5.2**	**J**	6.9	2.0	ug/m3			03/11/25 20:20	10
Carbon tetrachloride	2.2	U	2.2	1.4	ug/m3			03/11/25 20:20	10
2,2,4-Trimethylpentane	**17**		9.3	1.8	ug/m3			03/11/25 20:20	10
Benzene	**18**		6.4	1.4	ug/m3			03/11/25 20:20	10
1,2-Dichloroethane	8.1	U	8.1	3.8	ug/m3			03/11/25 20:20	10
n-Heptane	**100**		8.2	2.3	ug/m3			03/11/25 20:20	10
Trichloroethene	2.0	U	2.0	1.3	ug/m3			03/11/25 20:20	10
Methyl methacrylate	20	U	20	5.7	ug/m3			03/11/25 20:20	10
1,2-Dichloropropane	9.2	U	9.2	4.3	ug/m3			03/11/25 20:20	10
1,4-Dioxane	180	U	180	3.0	ug/m3			03/11/25 20:20	10
Bromodichloromethane	13	U	13	3.4	ug/m3			03/11/25 20:20	10
cis-1,3-Dichloropropene	9.1	U	9.1	2.0	ug/m3			03/11/25 20:20	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20	U	20	5.3	ug/m3			03/11/25 20:20	10
Toluene	**66**		7.5	2.3	ug/m3			03/11/25 20:20	10
trans-1,3-Dichloropropene	9.1	U	9.1	2.5	ug/m3			03/11/25 20:20	10
1,1,2-Trichloroethane	11	U	11	4.0	ug/m3			03/11/25 20:20	10
Tetrachloroethene	**5.1**	**J**	14	1.4	ug/m3			03/11/25 20:20	10
Methyl Butyl Ketone (2-Hexanone)	20	U	20	6.1	ug/m3			03/11/25 20:20	10
Dibromochloromethane	17	U	17	5.4	ug/m3			03/11/25 20:20	10
1,2-Dibromoethane	15	U	15	3.2	ug/m3			03/11/25 20:20	10

Client Sample ID: SP-01
Date Collected: 03/06/25 12:55
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77236-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	9.2	U	9.2	2.0	ug/m3			03/11/25 20:20	10
Styrene	8.5	U	8.5	2.5	ug/m3			03/11/25 20:20	10
Bromoform	21	U	21	12	ug/m3			03/11/25 20:20	10
Cumene	**33**		9.8	2.0	ug/m3			03/11/25 20:20	10
1,1,2,2-Tetrachloroethane	14	U	14	3.0	ug/m3			03/11/25 20:20	10
n-Propylbenzene	**5.9**	**J**	9.8	2.3	ug/m3			03/11/25 20:20	10
4-Ethyltoluene	**4.5**	**J**	9.8	2.4	ug/m3			03/11/25 20:20	10
1,3,5-Trimethylbenzene	**4.3**	**J**	9.8	2.3	ug/m3			03/11/25 20:20	10
2-Chlorotoluene	10	U	10	2.4	ug/m3			03/11/25 20:20	10
tert-Butylbenzene	11	U	11	2.6	ug/m3			03/11/25 20:20	10
1,2,4-Trimethylbenzene	**11**		9.8	3.9	ug/m3			03/11/25 20:20	10
sec-Butylbenzene	11	U	11	2.5	ug/m3			03/11/25 20:20	10
4-Isopropyltoluene	11	U	11	3.3	ug/m3			03/11/25 20:20	10
1,3-Dichlorobenzene	12	U	12	4.4	ug/m3			03/11/25 20:20	10
1,4-Dichlorobenzene	12	U	12	5.4	ug/m3			03/11/25 20:20	10
Benzyl chloride	10	U	10	4.6	ug/m3			03/11/25 20:20	10
n-Butylbenzene	11	U	11	6.0	ug/m3			03/11/25 20:20	10
1,2-Dichlorobenzene	12	U	12	4.0	ug/m3			03/11/25 20:20	10
1,2,4-Trichlorobenzene	37	U	37	24	ug/m3			03/11/25 20:20	10
Hexachlorobutadiene	21	U	21	12	ug/m3			03/11/25 20:20	10
Naphthalene	20	U	20	16	ug/m3			03/11/25 20:20	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	1.1	ppb v/v			03/11/25 20:20	10
Chlorodifluoromethane	5.0	U	5.0	1.2	ppb v/v			03/11/25 20:20	10
1,2-Dichlorotetrafluoroethane	2.0	U	2.0	0.48	ppb v/v			03/11/25 20:20	10
Chloromethane	5.0	U	5.0	1.5	ppb v/v			03/11/25 20:20	10
n-Butane	**130**		5.0	2.0	ppb v/v			03/11/25 20:20	10
Vinyl chloride	0.78	U	0.78	0.21	ppb v/v			03/11/25 20:20	10
1,3-Butadiene	**1.6**	**J**	2.0	0.39	ppb v/v			03/11/25 20:20	10
Bromomethane	2.0	U	2.0	0.71	ppb v/v			03/11/25 20:20	10
Chloroethane	5.0	U	5.0	1.8	ppb v/v			03/11/25 20:20	10
Bromoethene(Vinyl Bromide)	2.0	U	2.0	0.50	ppb v/v			03/11/25 20:20	10
Trichlorofluoromethane	2.0	U	2.0	0.50	ppb v/v			03/11/25 20:20	10
1,1,2-Trichlorotrifluoroethane	2.0	U	2.0	0.53	ppb v/v			03/11/25 20:20	10
1,1-Dichloroethene	0.50	U	0.50	0.26	ppb v/v			03/11/25 20:20	10
Acetone	**110**		50	16	ppb v/v			03/11/25 20:20	10
Isopropyl alcohol	50	U	50	16	ppb v/v			03/11/25 20:20	10
Carbon disulfide	**2.7**	**J**	5.0	1.3	ppb v/v			03/11/25 20:20	10
3-Chloropropene	5.0	U	5.0	1.2	ppb v/v			03/11/25 20:20	10
Methylene Chloride	5.0	U	5.0	1.8	ppb v/v			03/11/25 20:20	10
tert-Butyl alcohol	50	U	50	12	ppb v/v			03/11/25 20:20	10
Methyl tert-butyl ether	2.0	U	2.0	0.36	ppb v/v			03/11/25 20:20	10
trans-1,2-Dichloroethene	2.0	U	2.0	0.23	ppb v/v			03/11/25 20:20	10
n-Hexane	**6.8**		5.0	1.1	ppb v/v			03/11/25 20:20	10
1,1-Dichloroethane	2.0	U	2.0	0.25	ppb v/v			03/11/25 20:20	10
Methyl Ethyl Ketone (2-Butanone)	5.0	U	5.0	4.9	ppb v/v			03/11/25 20:20	10
cis-1,2-Dichloroethene	0.50	U	0.50	0.21	ppb v/v			03/11/25 20:20	10
Chloroform	2.0	U	2.0	0.41	ppb v/v			03/11/25 20:20	10

Client Sample ID: SP-01

Lab Sample ID: 200-77236-1

Date Collected: 03/06/25 12:55
Matrix: Air
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	50	U	50	13	ppb v/v			03/11/25 20:20	10
1,1,1-Trichloroethane	2.0	U	2.0	0.44	ppb v/v			03/11/25 20:20	10
Cyclohexane	**1.5**	**J**	2.0	0.58	ppb v/v			03/11/25 20:20	10
Carbon tetrachloride	0.35	U	0.35	0.22	ppb v/v			03/11/25 20:20	10
2,2,4-Trimethylpentane	**3.6**		2.0	0.38	ppb v/v			03/11/25 20:20	10
Benzene	**5.8**		2.0	0.44	ppb v/v			03/11/25 20:20	10
1,2-Dichloroethane	2.0	U	2.0	0.93	ppb v/v			03/11/25 20:20	10
n-Heptane	**24**		2.0	0.55	ppb v/v			03/11/25 20:20	10
Trichloroethene	0.37	U	0.37	0.25	ppb v/v			03/11/25 20:20	10
Methyl methacrylate	5.0	U	5.0	1.4	ppb v/v			03/11/25 20:20	10
1,2-Dichloropropane	2.0	U	2.0	0.94	ppb v/v			03/11/25 20:20	10
1,4-Dioxane	50	U	50	0.82	ppb v/v			03/11/25 20:20	10
Bromodichloromethane	2.0	U	2.0	0.50	ppb v/v			03/11/25 20:20	10
cis-1,3-Dichloropropene	2.0	U	2.0	0.45	ppb v/v			03/11/25 20:20	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	U	5.0	1.3	ppb v/v			03/11/25 20:20	10
Toluene	**18**		2.0	0.62	ppb v/v			03/11/25 20:20	10
trans-1,3-Dichloropropene	2.0	U	2.0	0.54	ppb v/v			03/11/25 20:20	10
1,1,2-Trichloroethane	2.0	U	2.0	0.74	ppb v/v			03/11/25 20:20	10
Tetrachloroethene	**0.76**	**J**	2.0	0.21	ppb v/v			03/11/25 20:20	10
Methyl Butyl Ketone (2-Hexanone)	5.0	U	5.0	1.5	ppb v/v			03/11/25 20:20	10
Dibromochloromethane	2.0	U	2.0	0.63	ppb v/v			03/11/25 20:20	10
1,2-Dibromoethane	2.0	U	2.0	0.42	ppb v/v			03/11/25 20:20	10
Chlorobenzene	2.0	U	2.0	0.44	ppb v/v			03/11/25 20:20	10
Styrene	2.0	U	2.0	0.59	ppb v/v			03/11/25 20:20	10
Bromoform	2.0	U	2.0	1.2	ppb v/v			03/11/25 20:20	10
Cumene	**6.6**		2.0	0.41	ppb v/v			03/11/25 20:20	10
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.43	ppb v/v			03/11/25 20:20	10
n-Propylbenzene	**1.2**	**J**	2.0	0.47	ppb v/v			03/11/25 20:20	10
4-Ethyltoluene	**0.92**	**J**	2.0	0.49	ppb v/v			03/11/25 20:20	10
1,3,5-Trimethylbenzene	**0.88**	**J**	2.0	0.47	ppb v/v			03/11/25 20:20	10
2-Chlorotoluene	2.0	U	2.0	0.46	ppb v/v			03/11/25 20:20	10
tert-Butylbenzene	2.0	U	2.0	0.47	ppb v/v			03/11/25 20:20	10
1,2,4-Trimethylbenzene	**2.3**		2.0	0.80	ppb v/v			03/11/25 20:20	10
sec-Butylbenzene	2.0	U	2.0	0.45	ppb v/v			03/11/25 20:20	10
4-Isopropyltoluene	2.0	U	2.0	0.61	ppb v/v			03/11/25 20:20	10
1,3-Dichlorobenzene	2.0	U	2.0	0.74	ppb v/v			03/11/25 20:20	10
1,4-Dichlorobenzene	2.0	U	2.0	0.89	ppb v/v			03/11/25 20:20	10
Benzyl chloride	2.0	U	2.0	0.88	ppb v/v			03/11/25 20:20	10
n-Butylbenzene	2.0	U	2.0	1.1	ppb v/v			03/11/25 20:20	10
1,2-Dichlorobenzene	2.0	U	2.0	0.66	ppb v/v			03/11/25 20:20	10
1,2,4-Trichlorobenzene	5.0	U	5.0	3.3	ppb v/v			03/11/25 20:20	10
Hexachlorobutadiene	2.0	U	2.0	1.1	ppb v/v			03/11/25 20:20	10
Naphthalene	3.8	U	3.8	3.0	ppb v/v			03/11/25 20:20	10

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**2000**	**D**	35	12	ug/m3			03/11/25 21:11	40
m,p-Xylene	**6400**	**D**	87	17	ug/m3			03/11/25 21:11	40

Client Sample ID: SP-01

Lab Sample ID: 200-77236-1

Date Collected: 03/06/25 12:55
Matrix: Air
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	**1900**	**D**	35	11	ug/m3			03/11/25 21:11	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**460**	**D**	8.0	2.8	ppb v/v			03/11/25 21:11	40
m,p-Xylene	**1500**	**D**	20	3.8	ppb v/v			03/11/25 21:11	40
o-Xylene	**430**	**D**	8.0	2.5	ppb v/v			03/11/25 21:11	40

Client Sample ID: SP-02

Lab Sample ID: 200-77236-2

Date Collected: 03/06/25 13:20
Matrix: Air
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.2**	**J**	2.5	0.54	ug/m3			03/11/25 22:02	1
Chlorodifluoromethane	**1.2**	**J**	1.8	0.42	ug/m3			03/11/25 22:02	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/11/25 22:02	1
Chloromethane	**1.0**		1.0	0.31	ug/m3			03/11/25 22:02	1
n-Butane	**27**		1.2	0.48	ug/m3			03/11/25 22:02	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/11/25 22:02	1
1,3-Butadiene	**0.57**		0.44	0.086	ug/m3			03/11/25 22:02	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/11/25 22:02	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/11/25 22:02	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/11/25 22:02	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			03/11/25 22:02	1
1,1,2-Trichlorotrifluoroethane	**0.48**	**J**	1.5	0.41	ug/m3			03/11/25 22:02	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/11/25 22:02	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/11/25 22:02	1
Carbon disulfide	**5.0**		1.6	0.40	ug/m3			03/11/25 22:02	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/11/25 22:02	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/11/25 22:02	1
tert-Butyl alcohol	**4.0**	**J**	15	3.6	ug/m3			03/11/25 22:02	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/11/25 22:02	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/11/25 22:02	1
n-Hexane	**2.4**		1.8	0.39	ug/m3			03/11/25 22:02	1
1,1-Dichloroethane	**0.10**	**J**	0.81	0.10	ug/m3			03/11/25 22:02	1
Methyl Ethyl Ketone (2-Butanone)	**2.4**		1.5	1.4	ug/m3			03/11/25 22:02	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/11/25 22:02	1
Chloroform	**1.0**		0.98	0.20	ug/m3			03/11/25 22:02	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/11/25 22:02	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/11/25 22:02	1
Cyclohexane	**1.1**		0.69	0.20	ug/m3			03/11/25 22:02	1
Carbon tetrachloride	**0.35**		0.22	0.14	ug/m3			03/11/25 22:02	1
2,2,4-Trimethylpentane	**2.1**		0.93	0.18	ug/m3			03/11/25 22:02	1
Benzene	**2.8**		0.64	0.14	ug/m3			03/11/25 22:02	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/11/25 22:02	1
n-Heptane	**3.0**		0.82	0.23	ug/m3			03/11/25 22:02	1
Trichloroethene	**0.30**		0.20	0.13	ug/m3			03/11/25 22:02	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/11/25 22:02	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/11/25 22:02	1

Client Sample ID: SP-02
Date Collected: 03/06/25 13:20
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77236-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	18	U	18	0.30	ug/m3			03/11/25 22:02	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/11/25 22:02	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/11/25 22:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/11/25 22:02	1
Toluene	**15**		0.75	0.23	ug/m3			03/11/25 22:02	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/11/25 22:02	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/11/25 22:02	1
Tetrachloroethene	**46**		1.4	0.14	ug/m3			03/11/25 22:02	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/11/25 22:02	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/11/25 22:02	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/11/25 22:02	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/11/25 22:02	1
Ethylbenzene	**3.3**		0.87	0.30	ug/m3			03/11/25 22:02	1
m,p-Xylene	**11**		2.2	0.41	ug/m3			03/11/25 22:02	1
o-Xylene	**4.1**		0.87	0.27	ug/m3			03/11/25 22:02	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/11/25 22:02	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/11/25 22:02	1
Cumene	**3.4**		0.98	0.20	ug/m3			03/11/25 22:02	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/11/25 22:02	1
n-Propylbenzene	**0.56**	**J**	0.98	0.23	ug/m3			03/11/25 22:02	1
4-Ethyltoluene	**0.66**	**J**	0.98	0.24	ug/m3			03/11/25 22:02	1
1,3,5-Trimethylbenzene	**0.78**	**J**	0.98	0.23	ug/m3			03/11/25 22:02	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/11/25 22:02	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/11/25 22:02	1
1,2,4-Trimethylbenzene	**1.8**		0.98	0.39	ug/m3			03/11/25 22:02	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/11/25 22:02	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/11/25 22:02	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/11/25 22:02	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/11/25 22:02	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/11/25 22:02	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/11/25 22:02	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/11/25 22:02	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/11/25 22:02	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/11/25 22:02	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/11/25 22:02	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.44**	**J**	0.50	0.11	ppb v/v			03/11/25 22:02	1
Chlorodifluoromethane	**0.34**	**J**	0.50	0.12	ppb v/v			03/11/25 22:02	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/11/25 22:02	1
Chloromethane	**0.50**		0.50	0.15	ppb v/v			03/11/25 22:02	1
n-Butane	**11**		0.50	0.20	ppb v/v			03/11/25 22:02	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/11/25 22:02	1
1,3-Butadiene	**0.26**		0.20	0.039	ppb v/v			03/11/25 22:02	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/11/25 22:02	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/11/25 22:02	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/11/25 22:02	1
Trichlorofluoromethane	**0.22**		0.20	0.050	ppb v/v			03/11/25 22:02	1

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Client Sample ID: SP-02
Date Collected: 03/06/25 13:20
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-77236-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichlorotrifluoroethane	**0.062**	**J**	0.20	0.053	ppb v/v			03/11/25 22:02	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/11/25 22:02	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/11/25 22:02	1
Carbon disulfide	**1.6**		0.50	0.13	ppb v/v			03/11/25 22:02	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/11/25 22:02	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/11/25 22:02	1
tert-Butyl alcohol	**1.3**	**J**	5.0	1.2	ppb v/v			03/11/25 22:02	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/11/25 22:02	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/11/25 22:02	1
n-Hexane	**0.67**		0.50	0.11	ppb v/v			03/11/25 22:02	1
1,1-Dichloroethane	**0.026**	**J**	0.20	0.025	ppb v/v			03/11/25 22:02	1
Methyl Ethyl Ketone (2-Butanone)	**0.83**		0.50	0.49	ppb v/v			03/11/25 22:02	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/11/25 22:02	1
Chloroform	**0.21**		0.20	0.041	ppb v/v			03/11/25 22:02	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/11/25 22:02	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/11/25 22:02	1
Cyclohexane	**0.32**		0.20	0.058	ppb v/v			03/11/25 22:02	1
Carbon tetrachloride	**0.056**		0.035	0.022	ppb v/v			03/11/25 22:02	1
2,2,4-Trimethylpentane	**0.45**		0.20	0.038	ppb v/v			03/11/25 22:02	1
Benzene	**0.89**		0.20	0.044	ppb v/v			03/11/25 22:02	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/11/25 22:02	1
n-Heptane	**0.74**		0.20	0.055	ppb v/v			03/11/25 22:02	1
Trichloroethene	**0.056**		0.037	0.025	ppb v/v			03/11/25 22:02	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/11/25 22:02	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/11/25 22:02	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/11/25 22:02	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/11/25 22:02	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/11/25 22:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/11/25 22:02	1
Toluene	**3.9**		0.20	0.062	ppb v/v			03/11/25 22:02	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/11/25 22:02	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/11/25 22:02	1
Tetrachloroethene	**6.8**		0.20	0.021	ppb v/v			03/11/25 22:02	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/11/25 22:02	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/11/25 22:02	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/11/25 22:02	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/11/25 22:02	1
Ethylbenzene	**0.76**		0.20	0.069	ppb v/v			03/11/25 22:02	1
m,p-Xylene	**2.6**		0.50	0.095	ppb v/v			03/11/25 22:02	1
o-Xylene	**0.94**		0.20	0.063	ppb v/v			03/11/25 22:02	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/11/25 22:02	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/11/25 22:02	1
Cumene	**0.69**		0.20	0.041	ppb v/v			03/11/25 22:02	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/11/25 22:02	1
n-Propylbenzene	**0.11**	**J**	0.20	0.047	ppb v/v			03/11/25 22:02	1
4-Ethyltoluene	**0.13**	**J**	0.20	0.049	ppb v/v			03/11/25 22:02	1
1,3,5-Trimethylbenzene	**0.16**	**J**	0.20	0.047	ppb v/v			03/11/25 22:02	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/11/25 22:02	1

Client Sample ID: SP-02

Lab Sample ID: 200-77236-2

Date Collected: 03/06/25 13:20
Matrix: Air
Date Received: 03/07/25 10:30
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/11/25 22:02	1
1,2,4-Trimethylbenzene	**0.36**		0.20	0.080	ppb v/v			03/11/25 22:02	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/11/25 22:02	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/11/25 22:02	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/11/25 22:02	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/11/25 22:02	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/11/25 22:02	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/11/25 22:02	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/11/25 22:02	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/11/25 22:02	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/11/25 22:02	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/11/25 22:02	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**110**	**D**	24	7.6	ug/m3			03/11/25 22:53	2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**47**	**D**	10	3.2	ppb v/v			03/11/25 22:53	2

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-214161/3
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/11/25 08:52	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			03/11/25 08:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			03/11/25 08:52	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			03/11/25 08:52	1
n-Butane	1.2	U	1.2	0.48	ug/m3			03/11/25 08:52	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			03/11/25 08:52	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			03/11/25 08:52	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			03/11/25 08:52	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			03/11/25 08:52	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			03/11/25 08:52	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			03/11/25 08:52	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			03/11/25 08:52	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			03/11/25 08:52	1
Acetone	12	U	12	3.8	ug/m3			03/11/25 08:52	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			03/11/25 08:52	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/11/25 08:52	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			03/11/25 08:52	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			03/11/25 08:52	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/11/25 08:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			03/11/25 08:52	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			03/11/25 08:52	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			03/11/25 08:52	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			03/11/25 08:52	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			03/11/25 08:52	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			03/11/25 08:52	1
Chloroform	0.98	U	0.98	0.20	ug/m3			03/11/25 08:52	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			03/11/25 08:52	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			03/11/25 08:52	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			03/11/25 08:52	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			03/11/25 08:52	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			03/11/25 08:52	1
Benzene	0.64	U	0.64	0.14	ug/m3			03/11/25 08:52	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			03/11/25 08:52	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			03/11/25 08:52	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/11/25 08:52	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			03/11/25 08:52	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			03/11/25 08:52	1
1,4-Dioxane	18	U	18	0.30	ug/m3			03/11/25 08:52	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			03/11/25 08:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			03/11/25 08:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			03/11/25 08:52	1
Toluene	0.75	U	0.75	0.23	ug/m3			03/11/25 08:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			03/11/25 08:52	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			03/11/25 08:52	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			03/11/25 08:52	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			03/11/25 08:52	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			03/11/25 08:52	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			03/11/25 08:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214161/3
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/11/25 08:52	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			03/11/25 08:52	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			03/11/25 08:52	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			03/11/25 08:52	1
Styrene	0.85	U	0.85	0.25	ug/m3			03/11/25 08:52	1
Bromoform	2.1	U	2.1	1.2	ug/m3			03/11/25 08:52	1
Cumene	0.98	U	0.98	0.20	ug/m3			03/11/25 08:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/11/25 08:52	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/11/25 08:52	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			03/11/25 08:52	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/11/25 08:52	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			03/11/25 08:52	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			03/11/25 08:52	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			03/11/25 08:52	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			03/11/25 08:52	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			03/11/25 08:52	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			03/11/25 08:52	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/11/25 08:52	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			03/11/25 08:52	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			03/11/25 08:52	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			03/11/25 08:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			03/11/25 08:52	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			03/11/25 08:52	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			03/11/25 08:52	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/11/25 08:52	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			03/11/25 08:52	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			03/11/25 08:52	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			03/11/25 08:52	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			03/11/25 08:52	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			03/11/25 08:52	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			03/11/25 08:52	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			03/11/25 08:52	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			03/11/25 08:52	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			03/11/25 08:52	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			03/11/25 08:52	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			03/11/25 08:52	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			03/11/25 08:52	1
Acetone	5.0	U	5.0	1.6	ppb v/v			03/11/25 08:52	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			03/11/25 08:52	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/11/25 08:52	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			03/11/25 08:52	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			03/11/25 08:52	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/11/25 08:52	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			03/11/25 08:52	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			03/11/25 08:52	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			03/11/25 08:52	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			03/11/25 08:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214161/3
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			03/11/25 08:52	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			03/11/25 08:52	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			03/11/25 08:52	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			03/11/25 08:52	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			03/11/25 08:52	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			03/11/25 08:52	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			03/11/25 08:52	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			03/11/25 08:52	1
Benzene	0.20	U	0.20	0.044	ppb v/v			03/11/25 08:52	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			03/11/25 08:52	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			03/11/25 08:52	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			03/11/25 08:52	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			03/11/25 08:52	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			03/11/25 08:52	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			03/11/25 08:52	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			03/11/25 08:52	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			03/11/25 08:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			03/11/25 08:52	1
Toluene	0.20	U	0.20	0.062	ppb v/v			03/11/25 08:52	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			03/11/25 08:52	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			03/11/25 08:52	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			03/11/25 08:52	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			03/11/25 08:52	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			03/11/25 08:52	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			03/11/25 08:52	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			03/11/25 08:52	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			03/11/25 08:52	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			03/11/25 08:52	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			03/11/25 08:52	1
Styrene	0.20	U	0.20	0.059	ppb v/v			03/11/25 08:52	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			03/11/25 08:52	1
Cumene	0.20	U	0.20	0.041	ppb v/v			03/11/25 08:52	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/11/25 08:52	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/11/25 08:52	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			03/11/25 08:52	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/11/25 08:52	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			03/11/25 08:52	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			03/11/25 08:52	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			03/11/25 08:52	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			03/11/25 08:52	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			03/11/25 08:52	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			03/11/25 08:52	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/11/25 08:52	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			03/11/25 08:52	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			03/11/25 08:52	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			03/11/25 08:52	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			03/11/25 08:52	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			03/11/25 08:52	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214161/3
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			03/11/25 08:52	1

Lab Sample ID: LCS 200-214161/4
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	46.5		ug/m3		94	61 - 142
Chlorodifluoromethane	35.4	35.2		ug/m3		100	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	66.1		ug/m3		95	71 - 141
Chloromethane	20.6	21.5		ug/m3		104	56 - 141
n-Butane	23.8	25.3		ug/m3		107	53 - 151
Vinyl chloride	25.6	24.9		ug/m3		98	61 - 135
1,3-Butadiene	22.1	20.7		ug/m3		94	58 - 139
Bromomethane	38.8	36.2		ug/m3		93	72 - 124
Chloroethane	26.4	26.2		ug/m3		99	68 - 130
Bromoethene(Vinyl Bromide)	43.7	42.2		ug/m3		96	75 - 125
Trichlorofluoromethane	56.2	53.0		ug/m3		94	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	69.0		ug/m3		90	70 - 121
1,1-Dichloroethene	39.6	36.8		ug/m3		93	68 - 120
Acetone	23.7	24.0		ug/m3		101	54 - 154
Isopropyl alcohol	24.6	28.9		ug/m3		118	53 - 142
Carbon disulfide	31.1	29.2		ug/m3		94	71 - 138
3-Chloropropene	31.3	28.6		ug/m3		91	50 - 150
Methylene Chloride	34.7	35.6		ug/m3		103	59 - 137
tert-Butyl alcohol	30.3	30.9		ug/m3		102	66 - 132
Methyl tert-butyl ether	36.0	35.9		ug/m3		100	70 - 127
trans-1,2-Dichloroethene	39.6	40.7		ug/m3		103	69 - 137
n-Hexane	35.2	36.7		ug/m3		104	63 - 138
1,1-Dichloroethane	40.5	39.8		ug/m3		98	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	27.3		ug/m3		93	72 - 124
cis-1,2-Dichloroethene	39.6	36.1		ug/m3		91	72 - 121
Chloroform	48.8	46.1		ug/m3		94	73 - 124
Tetrahydrofuran	29.5	31.1		ug/m3		105	60 - 149
1,1,1-Trichloroethane	54.6	51.7		ug/m3		95	72 - 127
Cyclohexane	34.4	33.1		ug/m3		96	76 - 124
Carbon tetrachloride	62.9	59.1		ug/m3		94	71 - 133
2,2,4-Trimethylpentane	46.7	49.8		ug/m3		107	68 - 131
Benzene	31.9	30.8		ug/m3		96	73 - 119
1,2-Dichloroethane	40.5	39.3		ug/m3		97	68 - 135
n-Heptane	41.0	46.9		ug/m3		115	60 - 142
Trichloroethene	53.7	49.9		ug/m3		93	73 - 122
Methyl methacrylate	40.9	39.5		ug/m3		96	73 - 129
1,2-Dichloropropane	46.2	46.9		ug/m3		102	69 - 128
1,4-Dioxane	36.0	31.7		ug/m3		88	66 - 129
Bromodichloromethane	67.0	64.0		ug/m3		96	75 - 127
cis-1,3-Dichloropropene	45.4	45.6		ug/m3		101	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214161/4
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	45.2		ug/m3		110	58 - 144
Toluene	37.7	34.8		ug/m3		92	75 - 122
trans-1,3-Dichloropropene	45.4	49.0		ug/m3		108	74 - 128
1,1,2-Trichloroethane	54.6	50.8		ug/m3		93	75 - 126
Tetrachloroethene	67.8	59.3		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	43.1		ug/m3		105	57 - 143
Dibromochloromethane	85.2	69.6		ug/m3		82	73 - 125
1,2-Dibromoethane	76.8	68.5		ug/m3		89	78 - 122
Chlorobenzene	46.0	40.2		ug/m3		87	76 - 119
Ethylbenzene	43.4	40.5		ug/m3		93	74 - 122
m,p-Xylene	86.8	79.4		ug/m3		91	76 - 121
o-Xylene	43.4	40.8		ug/m3		94	73 - 123
Styrene	42.6	38.9		ug/m3		91	74 - 125
Bromoform	103	68.4		ug/m3		66	53 - 149
Cumene	49.1	46.5		ug/m3		95	73 - 123
1,1,2,2-Tetrachloroethane	68.6	63.4		ug/m3		92	74 - 126
n-Propylbenzene	49.1	46.7		ug/m3		95	73 - 127
4-Ethyltoluene	49.2	46.5		ug/m3		95	75 - 129
1,3,5-Trimethylbenzene	49.2	45.9		ug/m3		93	72 - 126
2-Chlorotoluene	51.8	46.7		ug/m3		90	74 - 126
tert-Butylbenzene	54.9	50.5		ug/m3		92	71 - 125
1,2,4-Trimethylbenzene	49.2	45.9		ug/m3		93	71 - 129
sec-Butylbenzene	54.9	52.0		ug/m3		95	70 - 128
4-Isopropyltoluene	54.9	50.2		ug/m3		92	68 - 130
1,3-Dichlorobenzene	60.1	50.4		ug/m3		84	69 - 131
1,4-Dichlorobenzene	60.1	50.1		ug/m3		83	67 - 132
Benzyl chloride	51.8	47.7		ug/m3		92	60 - 136
n-Butylbenzene	54.9	51.6		ug/m3		94	65 - 137
1,2-Dichlorobenzene	60.1	50.3		ug/m3		84	68 - 129
1,2,4-Trichlorobenzene	74.2	54.6		ug/m3		74	50 - 150
Hexachlorobutadiene	107	89.3		ug/m3		84	58 - 130
Naphthalene	52.4	36.1		ug/m3		69	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.41		ppb v/v		94	61 - 142
Chlorodifluoromethane	10	9.97		ppb v/v		100	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.45		ppb v/v		95	71 - 141
Chloromethane	10	10.4		ppb v/v		104	56 - 141
n-Butane	10	10.7		ppb v/v		107	53 - 151
Vinyl chloride	10	9.76		ppb v/v		98	61 - 135
1,3-Butadiene	10	9.37		ppb v/v		94	58 - 139
Bromomethane	10	9.32		ppb v/v		93	72 - 124
Chloroethane	10	9.94		ppb v/v		99	68 - 130
Bromoethene(Vinyl Bromide)	10	9.64		ppb v/v		96	75 - 125
Trichlorofluoromethane	10	9.44		ppb v/v		94	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.01		ppb v/v		90	70 - 121
1,1-Dichloroethene	10	9.27		ppb v/v		93	68 - 120

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214161/4
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	10.1		ppb v/v		101	54 - 154
Isopropyl alcohol	10	11.8		ppb v/v		118	53 - 142
Carbon disulfide	10	9.38		ppb v/v		94	71 - 138
3-Chloropropene	10	9.13		ppb v/v		91	50 - 150
Methylene Chloride	10	10.3		ppb v/v		103	59 - 137
tert-Butyl alcohol	10	10.2		ppb v/v		102	66 - 132
Methyl tert-butyl ether	10	9.97		ppb v/v		100	70 - 127
trans-1,2-Dichloroethene	10	10.3		ppb v/v		103	69 - 137
n-Hexane	10	10.4		ppb v/v		104	63 - 138
1,1-Dichloroethane	10	9.83		ppb v/v		98	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.27		ppb v/v		93	72 - 124
cis-1,2-Dichloroethene	10	9.11		ppb v/v		91	72 - 121
Chloroform	10	9.44		ppb v/v		94	73 - 124
Tetrahydrofuran	10	10.5		ppb v/v		105	60 - 149
1,1,1-Trichloroethane	10	9.47		ppb v/v		95	72 - 127
Cyclohexane	10	9.62		ppb v/v		96	76 - 124
Carbon tetrachloride	10	9.39		ppb v/v		94	71 - 133
2,2,4-Trimethylpentane	10	10.7		ppb v/v		107	68 - 131
Benzene	10	9.64		ppb v/v		96	73 - 119
1,2-Dichloroethane	10	9.70		ppb v/v		97	68 - 135
n-Heptane	10	11.4		ppb v/v		115	60 - 142
Trichloroethene	10	9.29		ppb v/v		93	73 - 122
Methyl methacrylate	10	9.63		ppb v/v		96	73 - 129
1,2-Dichloropropane	10	10.2		ppb v/v		102	69 - 128
1,4-Dioxane	10	8.79		ppb v/v		88	66 - 129
Bromodichloromethane	10	9.55		ppb v/v		96	75 - 127
cis-1,3-Dichloropropene	10	10.1		ppb v/v		101	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.0		ppb v/v		110	58 - 144
Toluene	10	9.24		ppb v/v		92	75 - 122
trans-1,3-Dichloropropene	10	10.8		ppb v/v		108	74 - 128
1,1,2-Trichloroethane	10	9.32		ppb v/v		93	75 - 126
Tetrachloroethene	10	8.75		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.5		ppb v/v		105	57 - 143
Dibromochloromethane	10	8.17		ppb v/v		82	73 - 125
1,2-Dibromoethane	10	8.91		ppb v/v		89	78 - 122
Chlorobenzene	10	8.73		ppb v/v		87	76 - 119
Ethylbenzene	10	9.33		ppb v/v		93	74 - 122
m,p-Xylene	20	18.3		ppb v/v		91	76 - 121
o-Xylene	10	9.39		ppb v/v		94	73 - 123
Styrene	10	9.12		ppb v/v		91	74 - 125
Bromoform	10	6.62		ppb v/v		66	53 - 149
Cumene	10	9.47		ppb v/v		95	73 - 123
1,1,2,2-Tetrachloroethane	10	9.24		ppb v/v		92	74 - 126
n-Propylbenzene	10	9.51		ppb v/v		95	73 - 127
4-Ethyltoluene	10	9.46		ppb v/v		95	75 - 129
1,3,5-Trimethylbenzene	10	9.33		ppb v/v		93	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214161/4
Matrix: Air
Analysis Batch: 214161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	9.03		ppb v/v		90	74 - 126
tert-Butylbenzene	10	9.19		ppb v/v		92	71 - 125
1,2,4-Trimethylbenzene	10	9.34		ppb v/v		93	71 - 129
sec-Butylbenzene	10	9.48		ppb v/v		95	70 - 128
4-Isopropyltoluene	10	9.15		ppb v/v		92	68 - 130
1,3-Dichlorobenzene	10	8.38		ppb v/v		84	69 - 131
1,4-Dichlorobenzene	10	8.34		ppb v/v		83	67 - 132
Benzyl chloride	10	9.21		ppb v/v		92	60 - 136
n-Butylbenzene	10	9.39		ppb v/v		94	65 - 137
1,2-Dichlorobenzene	10	8.37		ppb v/v		84	68 - 129
1,2,4-Trichlorobenzene	10	7.36		ppb v/v		74	50 - 150
Hexachlorobutadiene	10	8.37		ppb v/v		84	58 - 130
Naphthalene	10	6.88		ppb v/v		69	50 - 150

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Air - GC/MS VOA

Analysis Batch: 214161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-77236-1	SP-01	Total/NA	Air	TO-15	
200-77236-1 - DL	SP-01	Total/NA	Air	TO-15	
200-77236-2	SP-02	Total/NA	Air	TO-15	
200-77236-2 - DL	SP-02	Total/NA	Air	TO-15	
MB 200-214161/3	Method Blank	Total/NA	Air	TO-15	
LCS 200-214161/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Client Sample ID: SP-01

Lab Sample ID: 200-77236-1

Date Collected: 03/06/25 12:55

Matrix: Air

Date Received: 03/07/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	214161	A1B	EET BUR	03/11/25 20:20
Total/NA	Analysis	TO-15	DL	40	214161	A1B	EET BUR	03/11/25 21:11

Client Sample ID: SP-02

Lab Sample ID: 200-77236-2

Date Collected: 03/06/25 13:20

Matrix: Air

Date Received: 03/07/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214161	A1B	EET BUR	03/11/25 22:02
Total/NA	Analysis	TO-15	DL	2	214161	A1B	EET BUR	03/11/25 22:53

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene

New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 101 East Kingsbridge Road

Job ID: 200-77236-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-77236-1	SP-01	Air	03/06/25 12:55	03/07/25 10:30	Air Canister (6-Liter) #4277
200-77236-2	SP-02	Air	03/06/25 13:20	03/07/25 10:30	Air Canister (6-Liter) #4158

Lee Ann Heathcote

From: Jackson, Calvin <CJackson@haleyaldrich.com>
Sent: Thursday, March 6, 2025 2:26 PM
To: Lee Ann Heathcote <LeeAnn.Heathcote@et.eurofinsus.com>; Elizabeth Flannery <Elizabeth.Flannery@et.eurofinsus.com>; Kathryn Kelly <Kathryn.Kelly@et.eurofinsus.com>
Cc: Mooney, Nicole <NMooney@haleyaldrich.com>; Conlon, Mari <MConlon@haleyaldrich.com>; Butler, Emily <EButler@haleyaldrich.com>; Freliech, Delia <DFreliech@haleyaldrich.com>
Subject: RE: Summa Canister Availability - 101 East Kingsbridge Road

Hi Lee Ann,
Today on site at 101 E Kingsbridge Road (project #: 0213081) we collected two sub slab soil vapor samples but did not have any air specific COCs on hand. Below are the additional details for the air samples that would typically be included on the air COCs.

Sample ID	Date	Can ID	FC ID	Start Time	End Time	Start Vacuum	End Vacuum	Can Size	Analysis
SP-01	03/06/2025	4277	3470	1055	1255	-29.7	-6	6L	TO-15
SP-02	03/06/2025	4158	5193	1120	1320	-30	-8	6L	TO-15

Please reach out with any questions.

Thank you,
Calvin Jackson

Eurofins Burlington
530 Community Drive Suite 11
South Burlington, VT 05403
Phone: 802-660-1990 Fax: 802-660-1919

Chain of Custody Record

eurofins | Environment Testing

NYC 222

Client Information	Sampler: Calvin Jackson	Lab PM: Heathcote, Lee Ann	Carrier Tracking No(s):	COC No.: 200-35946-15584.1
Client Contact: ~~Calvin Jackson~~ Nicole Mooney	Phone: 929-729-1243	E-Mail: LeeAnn.Heathcote@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:			Job #:

Address: 213 West 35th St	Due Date Requested:	
City: New York	TAT Requested (days): Standard	
State, Zip: NY, 10001	Compliance Project: Δ Yes Δ No	
Phone: ~~929 729 1243~~ 646-984-5004	PO #: Purchase Order Requested	
Email: ~~CJackson@haleyaldrich.com~~ NMcooney@haleyaldrich.com	WO #:	
Project Name: 101 East Kingsbridge Road	Project #: 20011449	
Site: 101 E Kingsbridge Road	SSOW#:	

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TO15 - (MOD) Routine TO15 (all 74)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
SP-01	03/06/25	1055		Air	N	N	X		
SP-02	03/06/25	1120		Air	N	N	X		

200-77236 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Calvin Jackson	03/06/25 14:28			3/6/25 14:30	
2		3/6/25 1700		ETA Burl	3/7/25 1030	ETA Burl
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

After printing this label:
1 Fold the printed page along the horizontal line
2 Place label in shipping pouch and affix it to your shipment

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1 Fold the printed page along the horizontal line
2 Place label in shipping pouch and affix it to your shipment

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 06MAR25
ACTWGT 10.00 LB
CAD: 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
(802) 923-1026 REF
INV
PO. DEPT.

58CJ2/07B9/C6C4

FedEx Express

J25102412171f1uv

2 of 2
MPS# 0263 **7725 3605 0269**
Mstr# **7725 3605 0258**

FRI - 07 MAR 10:30A
PRIORITY OVERNIGHT

0201

NX BTVA

05403
VT-US BTV

After printing this label
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1 Fold the printed page along the horizontal line
2 Place label in shipping pouch and affix it to your shipment

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 200-77236-1

Login Number: 77236
List Number: 1
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 3/4	10		1/22/2025	1311	23	23	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4277	Ø	Ø	Ø	29.1	GA01	1/23/25	1222	~	22.0	GA01	1/24/25	1134	~	22.0
2	4458		Ø	Ø		GA01					GA01				
3	4015		.2	.21		GA01					GA01				
4	3323		Ø	Ø		GA01					GA01				
5	4220		Ø	Ø		GA01					GA01				
6	4815		Ø	Ø		GA01					GA01				
7	4347		.11	.14		GA01					GA01				
8	5967		Ø	Ø		GA01					GA01				
9	4329		Ø	Ø		GA01					GA01				
10	34001322		Ø	Ø		GA01					GA01				
11	4332	~	Ø	Ø		GA01	~	~	~	~	GA01	~	~	~	~
12	4086	Ø	Ø	Ø	29.9	GA01	1/24/25	1210	~	22.0	GA01	1/25/25	1310	~	22.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
4086	1/24/25	63776	KP1		XXXXXXX				1/24/25	CC

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10		2/18/2025	1048	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5039	Ø	Ø	Ø	29.8	GA01	2/19/25	0918	←	22.0	GA01	2/21/25	1317	←	22.0
2	4158		Ø	Ø		GA01					GA01				
3	34001126		Ø	Ø		GA01					GA01				
4	34000386		Ø	Ø		GA01					GA01				
5	34000438	←	Ø	Ø	←	GA01	←	←	←	←	GA01	←	←	←	←
6	34000294	Ø	Ø	Ø	29.4	GA01	2/4/25	1317	←	22.0	GA01	2/25/25	1103	←	22.0
7	6661	Ø	Ø	Ø	29.8	GA01	2/19/25	0918	←	22.0	GA01	2/21/25	1317	←	22.0
8	5433	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓	↓	↓	↓
9	2951		Ø	Ø		GA01					GA01				
10	4922		Ø	Ø		GA01					GA01				
11	34001304		Ø	Ø		GA01					GA01				
12	3394	←	Ø	Ø	←	GA01	←	←	←	←	GA01	←	←	←	←

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
34000294	2/20/25	64051	KPI		XXXXXXX				2/20/25	MB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

TestAmerica Burlington

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76688-1

SDG No.:

Client Sample ID: 4086 Lab Sample ID: 200-76688-12

Matrix: Air Lab File ID: 63776_025.D

Analysis Method: TO-15 Date Collected: 01/22/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/24/2025 04:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213082 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.014
100-42-5	Styrene	0.040	U	0.040	0.012
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0090
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.011
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.018
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0084
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0078
107-05-1	Allyl chloride	0.10	U	0.10	0.024
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.019
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.026
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0094
108-88-3	Toluene	0.040	U	0.040	0.012
108-90-7	Chlorobenzene	0.040	U	0.040	0.0088
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.26
110-54-3	Hexane	0.10	U	0.10	0.022
110-82-7	Cyclohexane	0.040	U	0.040	0.012
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.066
123-91-1	1,4-Dioxane	0.040	U	0.040	0.016
124-48-1	Dibromochloromethane	0.040	U	0.040	0.013
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0042
142-82-5	n-Heptane	0.040	U	0.040	0.011
156-59-2	1,2-Dichloroethene, cis-	0.028	U	0.028	0.0042
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0046
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.0072
179601-23-1	m,p-Xylene	0.10	U	0.10	0.019
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0076
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.015
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.0044
593-60-2	Vinyl bromide	0.040	U	0.040	0.010
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.0098
64-17-5	Ethanol	1.0	U	1.0	0.52
67-63-0	Isopropanol	1.0	U	1.0	0.32

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76688-1

SDG No.:

Client Sample ID: 4086 | Lab Sample ID: 200-76688-12

Matrix: Air | Lab File ID: 63776_025.D

Analysis Method: TO-15 | Date Collected: 01/22/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/24/2025 04:50

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213082 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.0	U	1.0	0.32
67-66-3	Chloroform	0.040	U	0.040	0.0082
71-43-2	Benzene	0.040	U	0.040	0.0088
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0088
74-83-9	Bromomethane	0.040	U	0.040	0.014
74-87-3	Chloromethane	0.10	U	0.10	0.030
75-00-3	Chloroethane	0.10	U	0.10	0.036
75-01-4	Vinyl chloride	0.028	U	0.028	0.0042
75-09-2	Methylene Chloride	0.10	U	0.10	0.036
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.024
75-27-4	Bromodichloromethane	0.040	U	0.040	0.010
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0050
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.0052
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.0096
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.019
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.098
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.015
79-01-6	Trichloroethene	0.028	U	0.028	0.0050
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.028
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.022
91-20-3	Naphthalene	0.10	U	0.10	0.060
95-47-6	Xylene, o-	0.040	U	0.040	0.013
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0092
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.030

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76688-1

SDG No.:

Client Sample ID: 4086 Lab Sample ID: 200-76688-12

Matrix: Air Lab File ID: 63776_025.D

Analysis Method: TO-15 Date Collected: 01/22/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/24/2025 04:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213082 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	1.0	U	1.0	0.24
75-45-6	Chlorodifluoromethane	0.10	U	0.10	0.024
106-97-8	Butane	0.10	U	0.10	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	0.24
141-78-6	Ethyl acetate	1.0	U	1.0	0.32
98-82-8	Isopropylbenzene	0.040	U	0.040	0.0082
103-65-1	N-Propylbenzene	0.040	U	0.040	0.0094
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.0094
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.0090
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.012
100-44-7	Benzyl chloride	0.040	U	0.040	0.018
104-51-8	n-Butylbenzene	0.040	U	0.040	0.022

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250123-63776.b\63776_025.D
Lims ID: 200-76688-A-12
Client ID: 4086
Sample Type: Client
Inject. Date: 24-Jan-2025 04:50:33 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063776-025
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250123-63776.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 24-Jan-2025 08:07:36 Calib Date: 22-Jan-2025 07:32:45
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250121-63758.b\63758_020.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: B9LE Date: 24-Jan-2025 08:07:36

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.347				ND	7
	2 Dichlorodifluoromethane	85		4.449				ND	
	3 Chlorodifluoromethane	51		4.492				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.813				ND	
	5 Chloromethane	50		4.925				ND	7
	6 Vinyl chloride	62		5.225				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.337				ND	
	9 Bromomethane	94		6.059				ND	
	10 Chloroethane	64		6.332				ND	
	13 Vinyl bromide	106		6.750				ND	
	14 Trichlorofluoromethane	101		6.915				ND	
	16 Ethanol	45		7.263				ND	
	20 1,1-Dichloroethene	96		7.969				ND	MU
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.012				ND	
	22 Acetone	43		8.028				ND	7
	23 Isopropyl alcohol	45		8.317				ND	
	24 Carbon disulfide	76		8.371				ND	7
	26 3-Chloro-1-propene	41		8.654				ND	7
	27 Methylene Chloride	49		8.879				ND	7
	28 2-Methyl-2-propanol	59		9.082				ND	
	30 trans-1,2-Dichloroethene	61		9.382				ND	
	31 Methyl tert-butyl ether	73		9.392				ND	
	32 Hexane	57		9.906				ND	
	33 1,1-Dichloroethane	63		10.141				ND	
	34 Vinyl acetate	43		10.147				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.099				ND	
	37 cis-1,2-Dichloroethene	96		11.131				ND	7
	38 Ethyl acetate	88		11.184				ND	
*	39 Chlorobromomethane	128	11.538	11.538	0.000	97	491803	10.0	
	40 Tetrahydrofuran	42		11.586				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.719				ND	
	42 1,1,1-Trichloroethane	97		12.030				ND	7
	43 Cyclohexane	84		12.185				ND	
	44 Carbon tetrachloride	117		12.313				ND	
	45 Benzene	78		12.656				ND	7
	46 1,2-Dichloroethane	62		12.715				ND	
	47 Isooctane	57		12.886				ND	
	48 n-Heptane	43		13.191				ND	7
*	49 1,4-Difluorobenzene	114	13.378	13.383	-0.005	96	2474167	10.0	
	51 Trichloroethene	95		13.822				ND	
	53 1,2-Dichloropropane	63		14.266				ND	
	54 Methyl methacrylate	69		14.357				ND	
	55 1,4-Dioxane	88		14.394				ND	
	57 Dibromomethane	174		14.421				ND	7
	58 Dichlorobromomethane	83		14.731				ND	
	59 cis-1,3-Dichloropropene	75		15.534				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.791				ND	
	62 Toluene	92		16.181				ND	
	66 trans-1,3-Dichloropropene	75		16.582				ND	
	67 1,1,2-Trichloroethane	83		16.952				ND	
	68 Tetrachloroethene	166		17.176				ND	
	69 2-Hexanone	43		17.363				ND	
	70 Chlorodibromomethane	129		17.690				ND	
	71 Ethylene Dibromide	107		17.936				ND	
*	73 Chlorobenzene-d5	117	18.851	18.851	0.000	90	2131927	10.0	
	74 Chlorobenzene	112		18.910				ND	
	75 Ethylbenzene	91		19.108				ND	
	76 m-Xylene & p-Xylene	106		19.364				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.140				ND	
	79 Styrene	104		20.172				ND	
	81 Bromoform	173		20.504				ND	
	82 Isopropylbenzene	105		20.830				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.328				ND	7
	85 N-Propylbenzene	91		21.542				ND	
	86 2-Chlorotoluene	91		21.681				ND	
	87 4-Ethyltoluene	105		21.734				ND	
	88 1,3,5-Trimethylbenzene	105		21.831				ND	
	91 tert-Butylbenzene	119		22.312				ND	
	92 1,2,4-Trimethylbenzene	105		22.398				ND	
	93 sec-Butylbenzene	105		22.633				ND	
	94 1,3-Dichlorobenzene	146		22.799				ND	
	95 4-Isopropyltoluene	119		22.847				ND	
	96 1,4-Dichlorobenzene	146		22.943				ND	
	97 Benzyl chloride	91		23.082				ND	
	98 n-Butylbenzene	91		23.403				ND	
	99 1,2-Dichlorobenzene	146		23.430				ND	
	102 1,2,4-Trichlorobenzene	180		25.875				ND	
	103 Hexachlorobutadiene	225		26.132				ND	
	104 Naphthalene	128		26.351				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

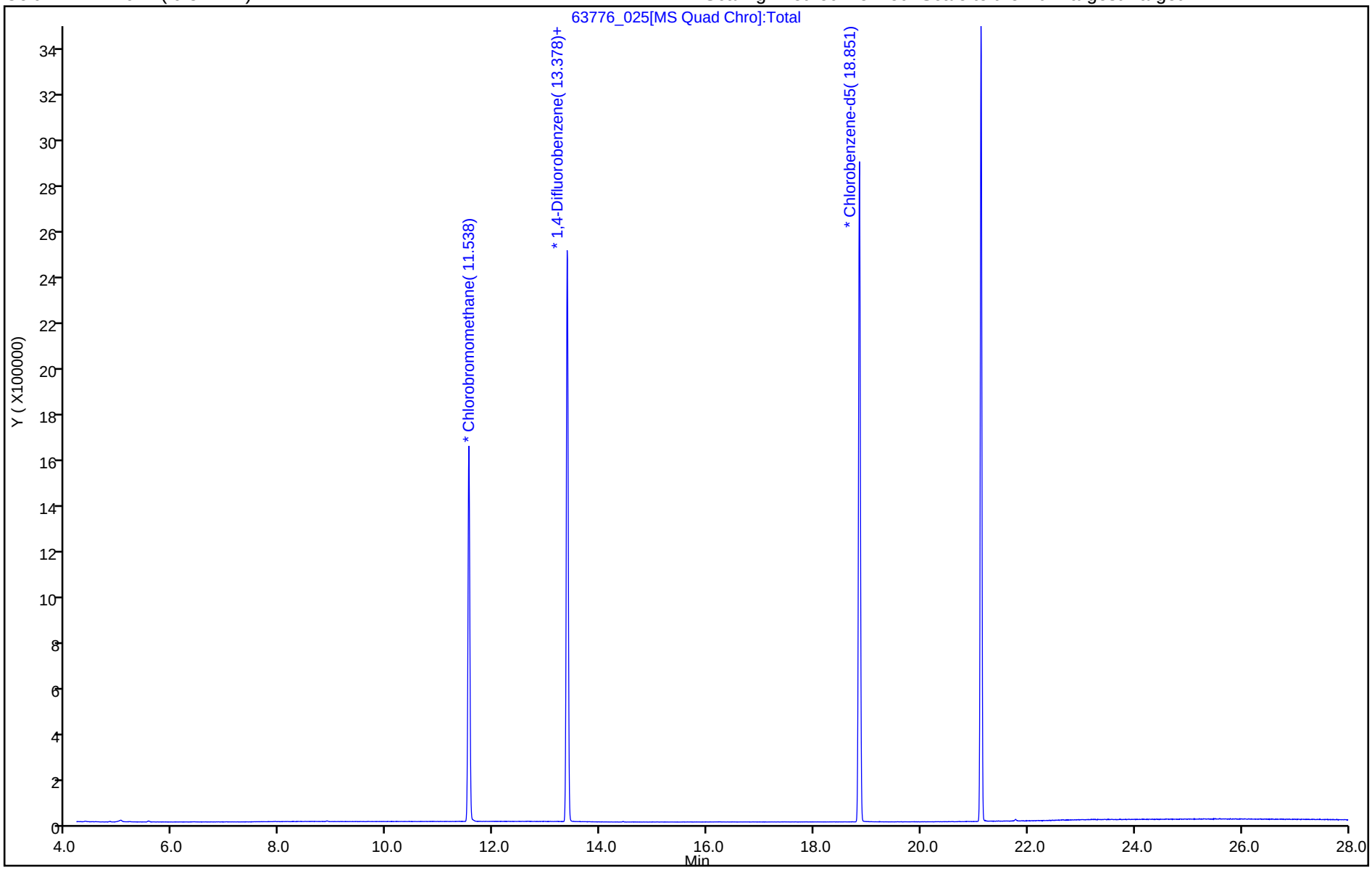
Report Date: 24-Jan-2025 08:07:36 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250123-63776.b\63776_025.D

Injection Date:	24-Jan-2025 04:50:33	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-76688-A-12	Lab Sample ID:	200-76688-12	Worklist Smp#:	25
Client ID:	4086				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	24
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



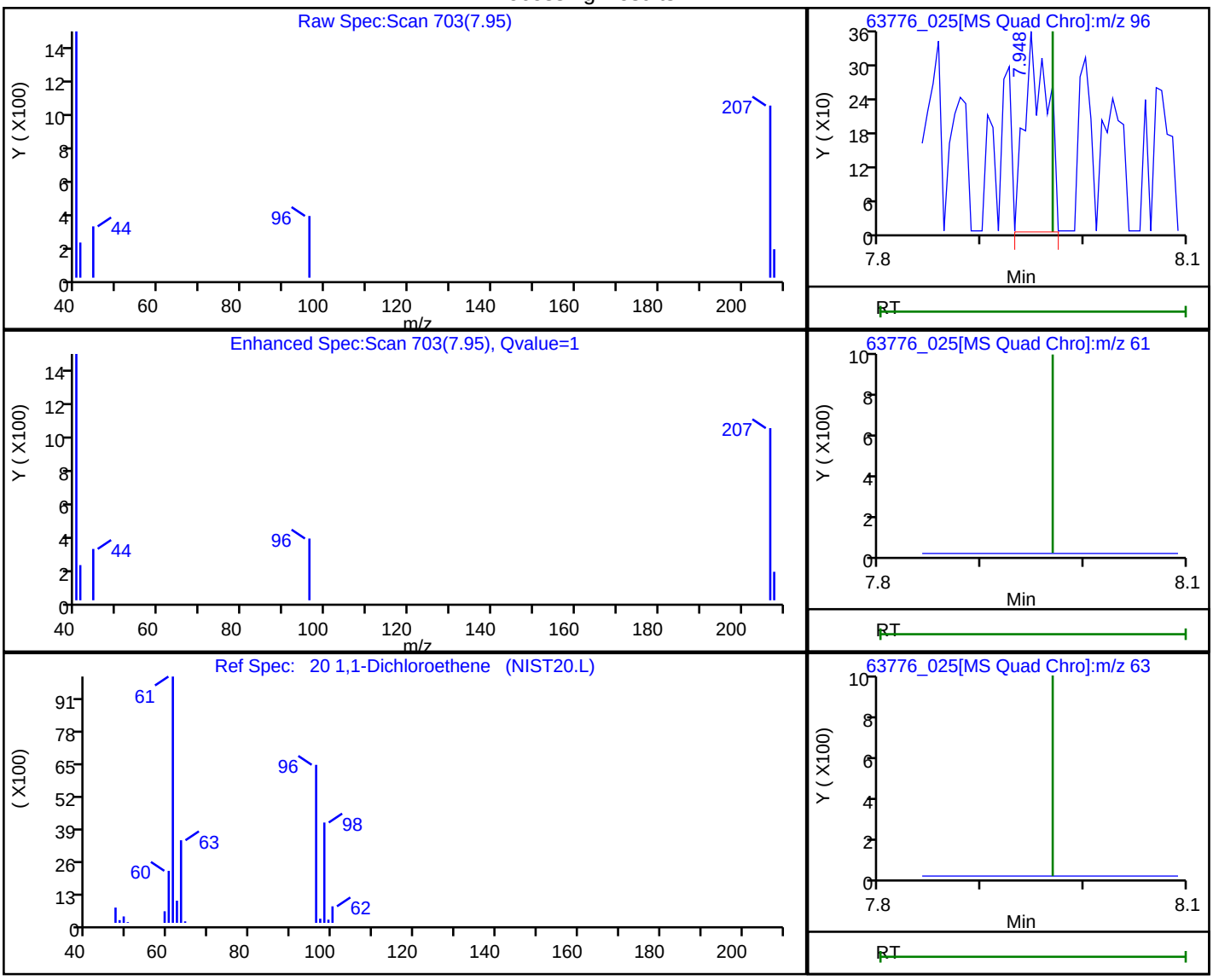
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250123-63776.b\63776_025.D				
Injection Date:	24-Jan-2025 04:50:33	Instrument ID:	CHAN.i		
Lims ID:	200-76688-A-12	Lab Sample ID:	200-76688-12		
Client ID:	4086				
Operator ID:	wrd	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.95	96.00	539	0.010102
7.97	61.00	0	
7.97	63.00	0	

Reviewer: B9LE, 24-Jan-2025 08:07:17 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77014-1

SDG No.:

Client Sample ID: 34000294 Lab Sample ID: 200-77014-6

Matrix: Air Lab File ID: 64051_025.D

Analysis Method: TO-15 Date Collected: 02/18/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/20/2025 04:43

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213741 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77014-1

SDG No.:

Client Sample ID: 34000294 Lab Sample ID: 200-77014-6

Matrix: Air Lab File ID: 64051_025.D

Analysis Method: TO-15 Date Collected: 02/18/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/20/2025 04:43

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213741 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77014-1

SDG No.:

Client Sample ID: 34000294 Lab Sample ID: 200-77014-6

Matrix: Air Lab File ID: 64051_025.D

Analysis Method: TO-15 Date Collected: 02/18/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 02/20/2025 04:43

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213741 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_025.D
Lims ID: 200-77014-A-6
Client ID: 34000294
Sample Type: Client
Inject. Date: 20-Feb-2025 04:43:47 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0064051-025
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 20-Feb-2025 08:44:42 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: BKZ7 Date: 20-Feb-2025 08:45:23

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.278				ND	7
	2 Dichlorodifluoromethane	85		4.374				ND	
	3 Chlorodifluoromethane	51		4.428				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.749				ND	
	5 Chloromethane	50		4.877				ND	7
	7 Butane	43		5.177				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.294				ND	
	9 Bromomethane	94		6.049				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.755				ND	
	14 Trichlorofluoromethane	101		6.921				ND	
	16 Ethanol	45		7.327				ND	
	20 1,1-Dichloroethene	96		8.007				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.044				ND	
	22 Acetone	43		8.098				ND	7
	23 Isopropyl alcohol	45		8.408				ND	
	24 Carbon disulfide	76		8.413				ND	
	26 3-Chloro-1-propene	41		8.718				ND	
	27 Methylene Chloride	49		8.959				ND	7
	28 2-Methyl-2-propanol	59		9.189				ND	
	30 trans-1,2-Dichloroethene	61		9.457				ND	7
	31 Methyl tert-butyl ether	73		9.462				ND	
	32 Hexane	57		9.965				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.243				ND	
	34 Vinyl acetate	43		10.248				ND	
	36 2-Butanone (MEK)	72		11.233				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.672	11.671	0.001	96	294718	10.0	
	40 Tetrahydrofuran	42		11.709				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.153				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.784				ND	7
	46 1,2-Dichloroethane	62		12.870				ND	
	47 Isooctane	57		12.993				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.528	0.000	97	1423627	10.0	
	51 Trichloroethene	95		13.961				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.512				ND	
	55 1,4-Dioxane	88		14.560				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.903				ND	
	59 cis-1,3-Dichloropropene	75		15.705				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.973				ND	
	62 Toluene	92		16.342				ND	
	66 trans-1,3-Dichloropropene	75		16.764				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.326				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.883				ND	
	71 Ethylene Dibromide	107		18.123				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	91	1263948	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.279				ND	
	76 m-Xylene & p-Xylene	106		19.541				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.311				ND	
	79 Styrene	104		20.343				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.504				ND	7
	85 N-Propylbenzene	91		21.681				ND	
	86 2-Chlorotoluene	91		21.825				ND	
	87 4-Ethyltoluene	105		21.873				ND	
	88 1,3,5-Trimethylbenzene	105		21.964				ND	
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	
	93 sec-Butylbenzene	105		22.762				ND	
	94 1,3-Dichlorobenzene	146		22.938				ND	
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	
	97 Benzyl chloride	91		23.227				ND	
	98 n-Butylbenzene	91		23.532				ND	
	99 1,2-Dichlorobenzene	146		23.580				ND	
	102 1,2,4-Trichlorobenzene	180		26.078				ND	
	103 Hexachlorobutadiene	225		26.324				ND	
	104 Naphthalene	128		26.576				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 20-Feb-2025 08:45:23 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250219-64051.b\64051_025.D				
Injection Date:	20-Feb-2025 04:43:47	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-77014-A-6	Lab Sample ID:	200-77014-6	Worklist Smp#:	25
Client ID:	34000294				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	24
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1