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June 11, 2025
File No. 0213675

Manhattan Management
162 Manhattan Avenue
Brooklyn, NY 11206

Attention: Mr. Yoel Barminka

Subject: Limited Phase II Environmental Site Investigation Summary
122 Bruckner Boulevard
Bronx, New York

As requested, H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York), is providing this letter to Manhattan Management summarizing the results of the Limited Phase II Environmental Site Investigation (ESI) completed at the property located at 122 Bruckner Boulevard, Bronx, New York (the "Site") on June 2, 2025.

SITE LOCATION

The Site, identified as Block 2260, Lot 1 on the New York City Tax Map, is approximately 0.34 acres (15,000 square feet) in size and is located in the Mott Haven neighborhood of the Bronx, New York within a manufacturing and residential (M1-5/R8A) zoning area within the Port Morris Special Mixed-Use District (MX-1). The Site is currently improved with a small metal warehouse and four steel shipping containers on the northeastern portion of the Site and a paved parking area on the remainder of the Site. The Site is bounded to the north by Bruckner Boulevard followed by a "Shell" gasoline filling station and multiple commercial warehouse buildings; to the east by a commercial building and a "Speedway" gasoline filling station; to the south by East 132nd Street followed by a one-story warehouse building occupied by "FoodFest Depot"; and, to the west by Brook Avenue followed by a six-story warehouse building occupied by "Little John's Storage & Moving".

BACKGROUND

Based on a Phase I Environmental Site Assessment (ESA) completed by Team Environmental Consultants, Inc. (TEAM) for 122 Bruckner Boulevard in November 2021, the site was first developed with two railroad spurs which led into a building labelled as the New York, New Haven, and Hartford Railroad machine/repair shop from the 1890s to the 1920s. A blacksmith shop was present on the northern portion of the Site in 1908. By the 1920s, the Site was occupied by a garage with two 550-gallon underground storage tanks (USTs) noted on the Site between 1935 and 1946, and a single gas tank noted between 1947 and 1984. In the 1980's, garage operations continued at the Site in addition to operation as part of the Crystal Springs Water Company facility in 1986. Between 1989 and 2002, the Site was also operated as

part of the Gassman Coal & Oil Co facility. Between 2003 and 2007, the Site was operated as commercial parking. Prior to 2018, the Site was occupied by "Upright Hoisting" and utilized for the storage of hoisting materials, equipment, and construction vehicles. In October 2018, the Site was operated as an "Amazon Fresh" grocery pick-up location through at least 2021.

SUBSURFACE INVESTIGATION

On June 2, 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. Two soil borings, one temporary well, and two temporary soil vapor points were installed by Lakewood using a direct-push 54DT Geoprobe® drill rig. GPRS cleared sampling points and identified subsurface utilities during the survey. A report summarizing the geophysical survey is included in Attachment A.

Haley & Aldrich of New York field representatives were on the Site to document field observations and to collect soil, groundwater, and 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. Two soil borings, HA-B01 and HA-B02, were installed to a depth of 12 feet below grade surface (ft bgs) on the northwestern and southwestern portions of the Site, respectively. One temporary monitoring well, HA-TW01, was installed to a depth of 12 ft bgs in the northeastern portion of the Site. Two temporary soil vapor points, HA-SV01 and HA-SV02, were installed to a depth of 4 ft bgs in the northeastern and southeastern 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 dark brown to black sand and silt with varying amounts of gravel, glass, and brick, was observed from surface grade to approximately 2 to 3 ft bgs. The fill layer was underlain by a potential native layer consisting of light brown fine to coarse sand with varying amounts of silt and gravel up to the terminus depth in each soil boring. Soil borings 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).Visual and olfactory subsurface impacts, including odors and staining, were not observed and PID readings of non-detect at 0.0 parts per million (ppm) were observed in HA-B01. PID readings above background levels were observed in HA-B02 at the 3 to 10 ft bgs interval, with a maximum PID reading of 82.5 ppm recorded at 7 ft bgs. Groundwater was encountered at a depth of approximately 5 ft bgs.

Four soil samples, two from each soil boring, were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total metals. Soil samples were collected from the surface at 0 to 2 ft bgs and the 2-foot interval at the base of the fill layer. One groundwater sample was collected from temporary well HA-TW01 via peristaltic pump and dedicated tubing and analyzed for VOCs. Two soil vapor samples were collected over a two-hour period into 6-liter stainless-steel summa canisters supplied by the laboratory and analyzed for VOCs via United States Environmental Protection Agency method TO-15.

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

RESULTS

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

Soil

Soil analytical results were compared to NYSDEC Title 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and Restricted-Residential Use Soil Cleanup Objectives (RRSCOs).

Seven metals were detected at concentrations above UUSCOs and/or RRSCOs in two soil samples collected, all at maximum concentrations in HA-B02_0-2, including arsenic (maximum concentration of 39.9 milligrams per kilogram [mg/kg]), cadmium (maximum concentration of 3.8 mg/kg), copper (maximum concentration of 222 mg/kg), lead (maximum concentration of 740 mg/kg), mercury (maximum concentration of 0.92 mg/kg), selenium (maximum concentration of 5.4 mg/kg), and zinc (maximum concentration of 642 mg/kg).

Groundwater

Groundwater analytical results were compared to 6 NYCRR Part 703.5 NYSDEC Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (AWQS).

No VOCs were detected above applicable standards in groundwater samples collected.

Soil vapor

Total VOC concentrations in soil vapor samples ranged from 294.43 micrograms per cubic meter (µg/m^3) in HA-SV02 to a maximum concentration of 681.52 µg/m^3 in HA-SV01. Total benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations ranged from 17.27 µg/m^3 in HA-SV02 to a maximum concentration of 41.5 µg/m^3 in HA-SV01. Total chlorinated volatile organic compound (CVOC) concentrations ranged from 0.71 µg/m^3 in HA-SV01 to a maximum concentration of 3.87 µg/m^3 in HA-SV02.

Specific petroleum-related VOCs detected above laboratory reporting limits in both soil vapor samples collected include benzene (maximum concentration of 27 µg/m^3 in HA-SV01), ethylbenzene (maximum concentration of 1.2 µg/m^3 in HA-SV01), toluene (maximum concentration of 8 µg/m^3 in HA-SV01), m,p-

xylenes (maximum concentration of 4 µg/m^3 in HA-SV01), and o-xylene (maximum concentration of 1.3 µg/m^3 in HA-SV01).

Specific CVOCs detected above laboratory reporting limits in both soil vapor samples collected include carbon tetrachloride (maximum concentration of 0.42 µg/m^3 in HA-SV01) and tetrachloroethene (maximum concentration of 3.5 µg/m^3 in HA-SV02).

Acetone, butane, and hexane were also detected above laboratory reporting limits in both soil vapor samples, at maximum concentrations of 140 µg/m^3 in HA-SV01, 280 µg/m^3 in HA-SV01, and 84 µg/m^3 in HA-SV02, respectively. The maximum acetone and butane concentrations were obtained from a diluted sample[1]. 2,2,4-trimethylpentane was detected above laboratory reporting limits in both soil vapor samples, at a maximum concentration of 2.9 µg/m^3 in HA-SV02.

CONCLUSIONS

Field observations and analytical results identified heavy metals, including lead, arsenic, and mercury, in shallow soils up to 4 ft bgs at the Site at concentrations exceeding the RRSCOs and consistent with characteristics of contaminated fill found throughout the New York City area. Soil vapor analytical results detected petroleum-related VOCs and CVOCs above the laboratory detection limits. Metals identified in shallow soil during the 2022 AKRF, Inc. (AKRF) Remedial Investigation (RI) were also identified on the western portion of the Site during this investigation. Polycyclic aromatic hydrocarbons (PAHs) in shallow soil and elevated petroleum-related VOCs in groundwater and soil vapor impacts identified during the 2022 AKRF RI were not observed during this investigation.

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

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

Nicole A. Mooney	Matthew Levy	Mari C. Conlon, P.G.
Project Geologist	Senior Project Manager	Senior Associate

Attachments:

Table 1 – Summary of Soil Quality Data
Table 2 – Summary of Groundwater Quality Data
Table 3 – Summary of Soil Vapor Quality Data
Figure 1 – Sample Location Map
Figure 2 – Soil Analytical Results Exceedance Map
Figure 3 – Soil Vapor Analytical Results Map

[1] Sample HA-SV01 was reportedly re-analyzed with a dilution factor of 10 and sample HA-SV02 was reportedly re-analyzed with a dilution factor of 2 as per Eurofins lab chronicle.

Attachment A – Geophysical Survey Report
Attachment B – Soil Boring Logs
Attachment C – Soil Vapor Sampling Log
Attachment D – Laboratory Analytical Data Reports

https://haleyaldrich.sharepoint.com/sites/ManhattanManagementRealty/Shared Documents/0213675.122 Bruckner Boulevard/Deliverables/1. Limited Phase II ESI/2025_0611_HANY_Phase II ESI_122 Bruckner Blvd_F.docx

TABLES

TABLE 1
SUMMARY OF SOIL QUALITY DATA
122 BRUCKNER BOULEVARD
BRONX, NEW YORK
FILE NO. 0213675

	Criteria					
Location Name	NY Part 375	NY Part 375	HA-B01	HA-B01	HA-B02	HA-B02
Sample Name	Restricted	Unrestricted	HA-B01_0-2	HA-B01_2-4	HA-B02_0-2	HA-B02_2-4
Sample Date	Residential Use	Use	06/02/2025	06/02/2025	06/02/2025	06/02/2025
Lab Sample ID	Soil Cleanup	Soil Cleanup	460-327422-1	460-327422-2	460-327422-3	460-327422-4
Volatile Organic Compounds (mg/kg)						
1,1,1-Trichloroethane	100	0.68	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,1,2-Trichloroethane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,1-Dichloroethane	26	0.27	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,1-Dichloroethene	100	0.33	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2,4-Trimethylbenzene	52	3.6	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2-Dichlorobenzene	100	1.1	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2-Dichloroethane	3.1	0.02	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,2-Dichloropropane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,3,5-Trimethylbenzene	52	8.4	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,3-Dichlorobenzene	49	2.4	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
1,4-Dichlorobenzene	13	1.8	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
2-Butanone (Methyl Ethyl Ketone)	100	0.12	ND (0.0055)	ND (0.0042)	ND (0.011)	ND (0.0045)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0055)	ND (0.0042)	ND (0.011)	ND (0.0045)
2-Phenylbutane (sec-Butylbenzene)	100	11	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0055)	ND (0.0042)	ND (0.011)	ND (0.0045)
Acetone	100	0.05	ND (0.0066)	ND (0.005)	ND (0.013)	ND (0.0054)
Benzene	4.8	0.06	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Bromodichloromethane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Bromoform	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0022)	ND (0.0017)	ND (0.0044)	ND (0.0018)
Carbon disulfide	NA	NA	0.00061 J	ND (0.00084)	ND (0.0022)	ND (0.0009)
Carbon tetrachloride	2.4	0.76	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Chlorobenzene	100	1.1	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Chlorobromomethane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Chloroethane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Chloroform (Trichloromethane)	49	0.37	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
cis-1,2-Dichloroethene	100	0.25	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
cis-1,3-Dichloropropene	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Cyclohexane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Dibromochloromethane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Ethylbenzene	41	1	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
m,p-Xylenes	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Methyl acetate	NA	NA	ND (0.0055) *	ND (0.0042) *	ND (0.011) *	ND (0.0045) *
Methyl Tert Butyl Ether (MTBE)	100	0.93	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Methylcyclohexane	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Methylene chloride (Dichloromethane)	100	0.05	ND (0.0022)	ND (0.0017)	ND (0.0044)	ND (0.0018)
n-Butylbenzene	100	12	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
n-Propylbenzene	100	3.9	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
o-Xylene	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Styrene	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
tert-Butylbenzene	100	5.9	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Tetrachloroethene	19	1.3	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Toluene	100	0.7	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
trans-1,2-Dichloroethene	100	0.19	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
trans-1,3-Dichloropropene	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Trichloroethene	21	0.47	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Trifluorotrichloroethane (Freon 113)	NA	NA	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Vinyl chloride	0.9	0.02	ND (0.0011)	ND (0.00084)	ND (0.0022)	ND (0.0009)
Xylene (Total)	100	0.26	ND (0.0022)	ND (0.0017)	ND (0.0044)	ND (0.0018)

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Sample Date	Residential Use	Use	06/02/2025	06/02/2025	06/02/2025	06/02/2025
Lab Sample ID	Soil Cleanup	Soil Cleanup	460-327422-1	460-327422-2	460-327422-3	460-327422-4
Semi-Volatile Organic Compounds (mg/kg)						
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
1,4-Dioxane	13	0.1	ND (0.037)	ND (0.036)	ND (0.041)	ND (0.038)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2,3,4,6-Tetrachlorophenol	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2,4,5-Trichlorophenol	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2,4,6-Trichlorophenol	NA	NA	ND (0.15)	ND (0.14)	ND (0.17)	ND (0.15)
2,4-Dichlorophenol	NA	NA	ND (0.15)	ND (0.14)	ND (0.17)	ND (0.15)
2,4-Dimethylphenol	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2,4-Dinitrophenol	NA	NA	ND (0.3)	ND (0.29)	ND (0.33)	ND (0.3)
2,4-Dinitrotoluene	NA	NA	ND (0.075)	ND (0.073)	ND (0.083)	ND (0.076)
2,6-Dinitrotoluene	NA	NA	ND (0.075)	ND (0.073)	ND (0.083)	ND (0.076)
2-Chloronaphthalene	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2-Chlorophenol	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2-Methylnaphthalene	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2-Methylphenol (o-Cresol)	100	0.33	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2-Nitroaniline	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
2-Nitrophenol	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
3&4-Methylphenol	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
3,3'-Dichlorobenzidine	NA	NA	ND (0.15)	ND (0.14)	ND (0.17)	ND (0.15)
3-Nitroaniline	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.3)	ND (0.29)	ND (0.33)	ND (0.3)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
4-Chloro-3-methylphenol	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
4-Chloroaniline	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
4-Methylphenol	100	0.33	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
4-Nitroaniline	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
4-Nitrophenol	NA	NA	ND (0.75)	ND (0.73)	ND (0.83)	ND (0.76)
Acenaphthene	100	20	ND (0.37)	ND (0.36)	0.025 J	ND (0.38)
Acenaphthylene	100	100	0.013 J	ND (0.36)	ND (0.41)	ND (0.38)
Acetophenone	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Anthracene	100	100	0.032 J	ND (0.36)	0.065 J	ND (0.38)
Atrazine	NA	NA	ND (0.15) *	ND (0.14) *	ND (0.17) *	ND (0.15) *
Benzaldehyde	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Benzo(a)anthracene	1	1	0.31	ND (0.036)	0.26	ND (0.038)
Benzo(a)pyrene	1	1	0.31	ND (0.036)	0.24	ND (0.038)
Benzo(b)fluoranthene	1	1	0.48	0.012 J	0.3	ND (0.038)
Benzo(g,h,i)perylene	100	100	0.21 J	ND (0.36)	0.14 J	ND (0.38)
Benzo(k)fluoranthene	3.9	0.8	0.15	ND (0.036)	0.11	ND (0.038)
Biphenyl	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
bis(2-Chloroethoxy)methane	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
bis(2-Chloroethyl)ether	NA	NA	ND (0.037)	ND (0.036)	ND (0.041)	ND (0.038)
bis(2-Ethylhexyl)phthalate	NA	NA	0.59	ND (0.36)	ND (0.41)	ND (0.38)
Butyl benzylphthalate (BBP)	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Caprolactam	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Carbazole	NA	NA	ND (0.37)	ND (0.36)	0.025 J	ND (0.38)
Chrysene	3.9	1	0.33 J	ND (0.36)	0.26 J	ND (0.38)
Dibenz(a,h)anthracene	0.33	0.33	0.066	ND (0.036)	0.039 J	ND (0.038)
Dibenzofuran	59	7	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Diethyl phthalate	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Dimethyl phthalate	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Di-n-butylphthalate (DBP)	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Di-n-octyl phthalate (DnOP)	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Fluoranthene	100	100	0.45	0.016 J	0.54	ND (0.38)
Fluorene	100	30	ND (0.37)	ND (0.36)	0.02 J	ND (0.38)
Hexachlorobenzene	1.2	0.33	ND (0.037)	ND (0.036)	ND (0.041)	ND (0.038)
Hexachlorobutadiene	NA	NA	ND (0.075)	ND (0.073)	ND (0.083)	ND (0.076)
Hexachlorocyclopentadiene	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Hexachloroethane	NA	NA	ND (0.037)	ND (0.036)	ND (0.041)	ND (0.038)
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.23	ND (0.036)	0.15	ND (0.038)
Isophorone	NA	NA	ND (0.15)	ND (0.14)	ND (0.17)	ND (0.15)
Naphthalene	100	12	ND (0.37)	ND (0.36)	0.0084 J	ND (0.38)
Nitrobenzene	NA	NA	ND (0.037)	ND (0.036)	ND (0.041)	ND (0.038)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.037)	ND (0.036)	ND (0.041)	ND (0.038)
N-Nitrosodiphenylamine	NA	NA	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Pentachlorophenol	6.7	0.8	ND (0.3)	ND (0.29)	ND (0.33)	ND (0.3)
Phenanthrene	100	100	0.094 J	ND (0.36)	0.3 J	ND (0.38)
Phenol	100	0.33	ND (0.37)	ND (0.36)	ND (0.41)	ND (0.38)
Pyrene	100	100	0.4	0.015 J	0.49	ND (0.38)

TABLE 1
SUMMARY OF SOIL QUALITY DATA
122 BRUCKNER BOULEVARD
BRONX, NEW YORK
FILE NO. 0213675

	Criteria					
Location Name	NY Part 375	NY Part 375	HA-B01	HA-B01	HA-B02	HA-B02
Sample Name	Restricted	Unrestricted	HA-B01_0-2	HA-B01_2-4	HA-B02_0-2	HA-B02_2-4
Sample Date	Residential Use	Use	06/02/2025	06/02/2025	06/02/2025	06/02/2025
Lab Sample ID	Soil Cleanup	Soil Cleanup	460-327422-1	460-327422-2	460-327422-3	460-327422-4
Inorganic Compounds (mg/kg)						
Aluminum	NA	NA	6630	8090	8980	7920
Antimony	NA	NA	10.7	1.9	16	0.79 J
Arsenic	16	13	7.1	3.5	39.9	2.7
Barium	400	350	149	47.9	275	27.5
Beryllium	72	7.2	0.32 J	0.28 J	0.67	0.28 J
Cadmium	4.3	2.5	0.7 J	0.12 J	3.8	0.19 J
Calcium	NA	NA	28400	3050	3310	645
Chromium	NA	NA	16.8	12	22.9	11.1
Cobalt	NA	NA	7.1	5	12.8	5.8
Copper	270	50	71.1	27	222	16.4
Iron	NA	NA	23500	15100	34000	13300
Lead	400	63	312	30.5	740	5.6
Magnesium	NA	NA	8220	3050	2780	2660
Manganese	2000	1600	199	222	328	271
Mercury	0.81	0.18	0.088	0.062	0.92	0.0091 J
Nickel	310	30	19	11.6	27.8	13.4
Potassium	NA	NA	1260	829	930	729
Selenium	180	3.9	1.5	0.31 J	5.4	0.18 J
Silver	180	2	0.23 J	ND (0.35)	0.5	ND (0.34)
Sodium	NA	NA	505	419	765	209
Thallium	NA	NA	0.17 J	0.09 J	0.65	0.1 J
Vanadium	NA	NA	36.1	17.4	33.4	15.1
Zinc	10000	109	278	61.8	642	80.8

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram

*: LCS or LCSD is outside acceptance limits.
-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated.
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 GROUNDWATER QUALITY DATA
122 BRUCKNER BOULEVARD
BRONX, NEW YORK
FILE NO. 0213675

	Criteria	
Location Name	New York TOGS	HA-TW01
Sample Name	111 Ambient	HA-TW01-20250602
Sample Date	Water Quality	06/02/2025
Lab Sample ID	Standards	460-327422-5
Volatile Organic Compounds (ug/L)		
1,1,1-Trichloroethane	5	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)
1,1-Dichloroethane	5	ND (1)
1,1-Dichloroethene	5	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)
1,2-Dichlorobenzene	3	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)
1,3-Dichlorobenzene	3	ND (1)
1,4-Dichlorobenzene	3	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	1.1
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)
Acetone	50	ND (5)
Benzene	1	ND (0.45)
Bromodichloromethane	50	ND (0.98)
Bromoform	50	ND (1) *
Bromomethane (Methyl Bromide)	5	ND (1)
Carbon disulfide	60	ND (1)
Carbon tetrachloride	5	ND (1)
Chlorobenzene	5	ND (1)
Chlorobromomethane	5	ND (1)
Chloroethane	5	ND (1)
Chloroform (Trichloromethane)	7	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)
cis-1,2-Dichloroethene	5	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45) *
Cyclohexane	NA	1.5
Dibromochloromethane	50	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)
Ethylbenzene	5	ND (1)
Isopropylbenzene (Cumene)	5	1.2
m,p-Xylenes	5	ND (1)
Methyl acetate	NA	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	2.3
Methylcyclohexane	NA	1
Methylene chloride (Dichloromethane)	5	ND (1)
n-Butylbenzene	5	0.71 J
n-Propylbenzene	5	1.4
o-Xylene	5	ND (1)
Styrene	5	ND (1)
tert-Butylbenzene	5	ND (1)
Tetrachloroethene	5	ND (0.4)
Toluene	5	ND (1)
trans-1,2-Dichloroethene	5	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45) *
Trichloroethene	5	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)
Vinyl chloride	2	ND (1)
Xylene (Total)	5	ND (2)

ABBREVIATIONS AND NOTES:
µg/L: micrograms per liter

-: Not Analyzed
*: LCS or LCSD is outside acceptance limits.
J: Value is estimated.
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.
- Groundwater analytical results are compared to NY-AWQS: NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Water.
- Grey shading indicates an exceedance of the AWQS criteria.

TABLE 3
SUMMARY OF SOIL VAPOR QUALITY DATA
122 BRUCKNER BOULEVARD
BRONX, NEW YORK
FILE NO. 0213675

Location Name	HA-SV-01	HA-SV-02
Sample Name	HA-SV-01	HA-SV-02
Sample Date	06/02/2025	06/02/2025
Lab Sample ID	200-78227-1	200-78227-2
Volatile Organic Compounds (ug/m3)		
1,1,1-Trichloroethane	ND (1.1)	ND (1.1)
1,1,2,2-Tetrachloroethane	ND (1.4)	ND (1.4)
1,1,2-Trichloroethane	ND (1.1)	ND (1.1)
1,1-Dichloroethane	ND (0.81)	ND (0.81)
1,1-Dichloroethene	ND (0.2)	ND (0.2)
1,2,4-Trichlorobenzene	ND (3.7)	ND (3.7)
1,2,4-Trimethylbenzene	2	0.7 J
1,2-Dibromoethane (Ethylene Dibromide)	ND (1.5)	ND (1.5)
1,2-Dichlorobenzene	ND (1.2)	ND (1.2)
1,2-Dichloroethane	ND (0.81)	ND (0.81)
1,2-Dichloropropane	ND (0.92)	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	ND (1.4)	ND (1.4)
1,3,5-Trimethylbenzene	ND (0.98)	ND (0.98)
1,3-Butadiene	0.7	9.7
1,3-Dichlorobenzene	1.7	ND (1.2)
1,4-Dichlorobenzene	ND (1.2)	ND (1.2)
1,4-Dioxane	ND (18)	ND (18)
2,2,4-Trimethylpentane	2.1	2.9
2-Butanone (Methyl Ethyl Ketone)	13	4.8
2-Chlorotoluene	ND (1)	ND (1)
2-Hexanone (Methyl Butyl Ketone)	ND (2)	ND (2)
2-Phenylbutane (sec-Butylbenzene)	ND (1.1)	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	ND (0.98)	ND (0.98)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	2.8	ND (2)
Acetone	140 D	42
Allyl chloride	ND (1.6)	ND (1.6)
Benzene	27	9.8
Benzyl Chloride (alpha-Chlorotoluene)	ND (1)	ND (1)
Bromodichloromethane	ND (1.3)	ND (1.3)
Bromoform	ND (2.1)	ND (2.1)
Bromomethane (Methyl Bromide)	ND (0.78)	ND (0.78)
Butane	280 D	150 D
Carbon disulfide	15	8.3
Carbon tetrachloride	0.42	0.37
Chlorobenzene	0.23 J	ND (0.92)
Chlorodifluoromethane	ND (1.8)	ND (1.8)
Chloroethane	0.45 J	ND (1.3)
Chloroform (Trichloromethane)	0.64 J	1.8
Chloromethane (Methyl Chloride)	0.68 J	1.8
cis-1,2-Dichloroethene	ND (0.2)	ND (0.2)
cis-1,3-Dichloropropene	ND (0.91)	ND (0.91)
Cyclohexane	25	3.2
Cymene (p-Isopropyltoluene)	ND (1.1)	ND (1.1)
Dibromochloromethane	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	2.4 J	2.6
Ethylbenzene	1.2	0.63 J
Hexachlorobutadiene	ND (2.1)	ND (2.1)
Hexane	84	26
Isopropyl Alcohol (2-Propanol)	11 J	7.2 J
Isopropylbenzene (Cumene)	ND (0.98)	0.7 J
m,p-Xylenes	4	1.8 J
Methyl methacrylate	ND (2)	ND (2)
Methyl Tert Butyl Ether (MTBE)	1.6	ND (0.72)
Methylene chloride (Dichloromethane)	ND (1.7)	ND (1.7)

TABLE 3
SUMMARY OF SOIL VAPOR QUALITY DATA
122 BRUCKNER BOULEVARD
BRONX, NEW YORK
FILE NO. 0213675

Location Name	HA-SV-01	HA-SV-02
Sample Name	HA-SV-01	HA-SV-02
Sample Date	06/02/2025	06/02/2025
Lab Sample ID	200-78227-1	200-78227-2
Volatile Organic Compounds (ug/m3)		
Naphthalene	0.79 J	ND (2)
n-Butylbenzene	ND (1.1)	ND (1.1)
N-Heptane	38	9.5
n-Propylbenzene	ND (0.98)	ND (0.98)
o-Xylene	1.3	0.54 J
Styrene	0.26 J	ND (0.85)
Tert-Butyl Alcohol (tert-Butanol)	15	ND (15)
tert-Butylbenzene	ND (1.1)	ND (1.1)
Tetrachloroethene	0.29 J	3.5
Tetrahydrofuran	ND (15)	ND (15)
Toluene	8	4.5
trans-1,2-Dichloroethene	ND (0.79)	ND (0.79)
trans-1,3-Dichloropropene	ND (0.91)	ND (0.91)
Trichloroethene	ND (0.2)	ND (0.2)
Trichlorofluoromethane (CFC-11)	1.4	1.5
Trifluorotrichloroethane (Freon 113)	0.56 J	0.59 J
Vinyl Bromide (Bromoethene)	ND (0.87)	ND (0.87)
Vinyl chloride	ND (0.2)	ND (0.2)
SUM of Volatile Organic Compounds	681.52	294.43
SUM of BTEX	41.5	17.27
SUM of CVOCs	0.71	3.87

ABBREVIATIONS AND NOTES:

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

-: Not Analyzed
BTEX: Benzene, Toluene, Ethylbenzene, Xylenes
CVOCs: Chlorinated volatile organic compounds
D: Sample results obtained from a dilution
J: Value is estimated.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
VOCs: Volatile Organic Compounds

- 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

FIGURES

MAP SOURCE: USGS
SITE COORDINATES: 40°48'14"N, 73°55'18"W

HALEY ALDRICH

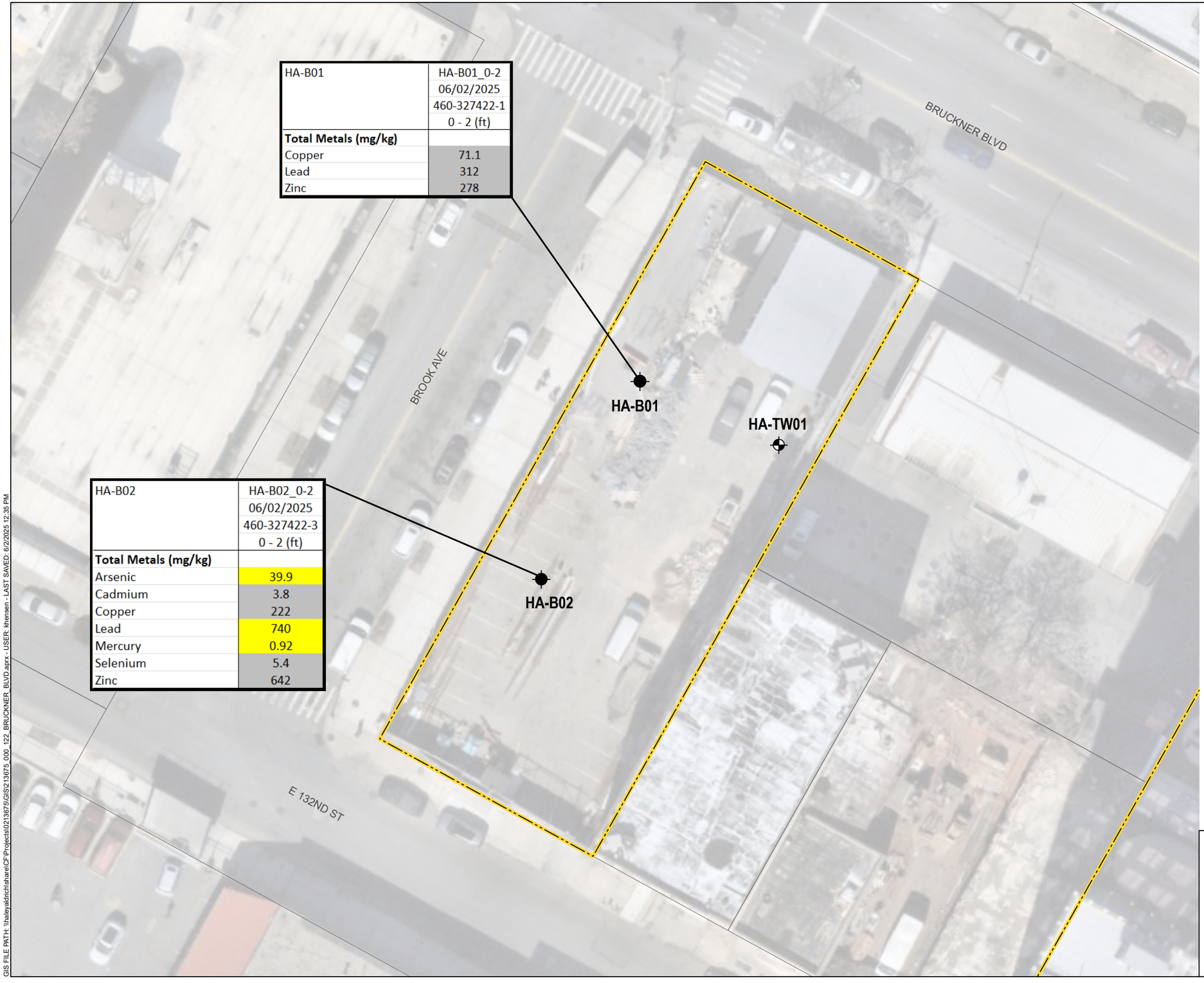
122 BRUCKNER BOULEVARD
BRONX, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JUNE 2025

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0213675\GIS\213675_000_122_BRUCKNER_BLVD.aprx - khensen - 6/2/2025, 12:35 PM



HA-B01	HA-B01_0-2
	06/02/2025
	460-327422-1
	0 - 2 (ft)
Total Metals (mg/kg)	
Copper	71.1
Lead	312
Zinc	278

HA-B02	HA-B02_0-2
	06/02/2025
	460-327422-3
	0 - 2 (ft)
Total Metals (mg/kg)	
Arsenic	39.9
Cadmium	3.8
Copper	222
Lead	740
Mercury	0.92
Selenium	5.4
Zinc	642

LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- TEMPORARY MONITORING WELL

	NY-RESR	NY-UNRES
Total Metals (mg/kg)		
Arsenic	16	13
Cadmium	4.3	2.5
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Selenium	180	3.9
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, MARCH 11, 2025

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 (SCOS), RESTRICTED-RESIDENTIAL SCOS, AND 40 CFR 261 SUBPART C AND TABLE 1 OF 40 CFR 261.24.

5. NY-RESR = NYSDEC PART 375 RESTRICTED-RESIDENTIAL USE SCOs

6. NY-UNRES = NYSDEC PART 375 UNRESTRICTED USE SCOs

7. EXCEEDANCES OF THE NY-UNRES SCOS ARE SHADED GRAY

8. EXCEEDANCES OF THE NY-UNRES AND NY-RESRR ARE SHADED YELLOW

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

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

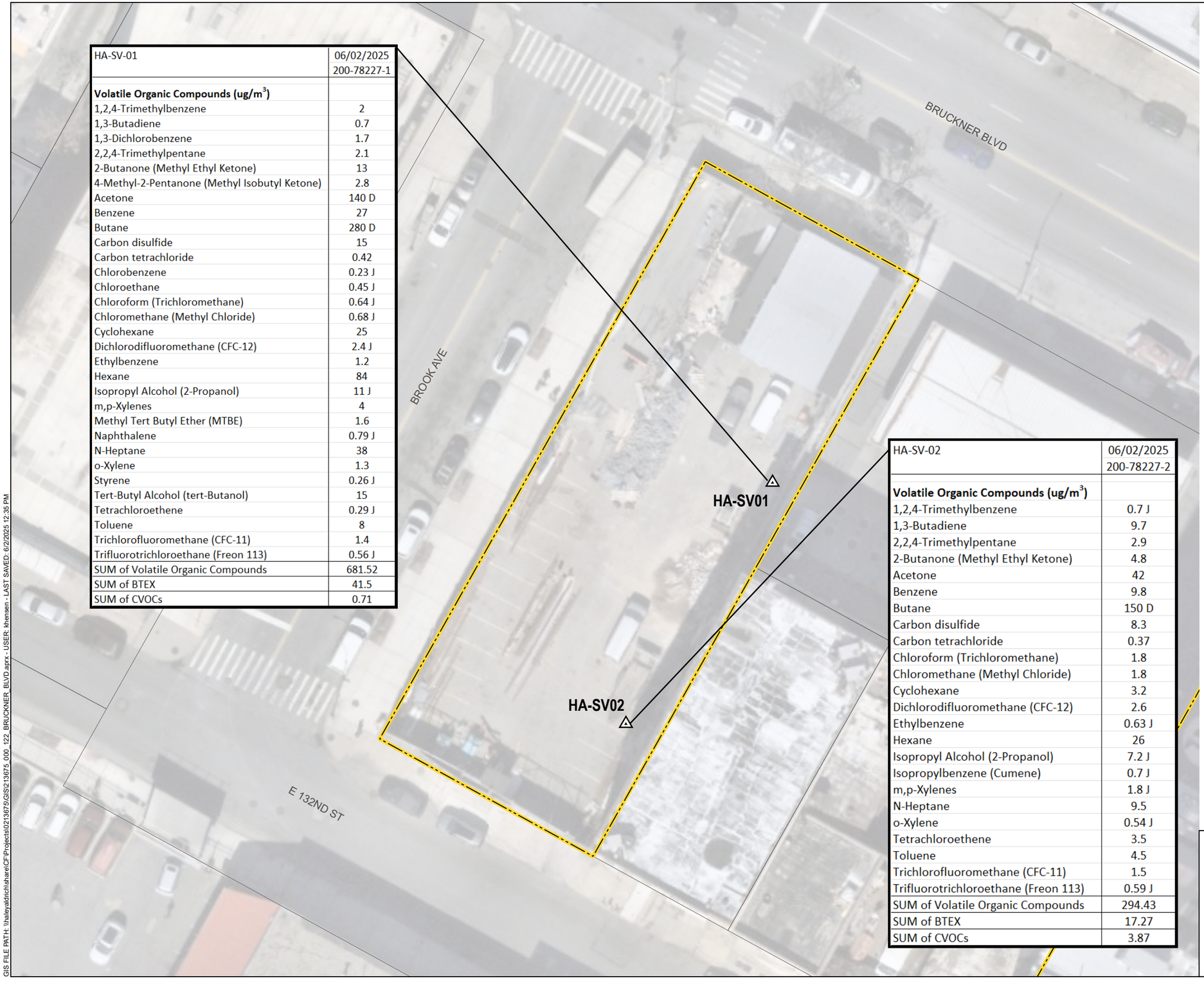
122 BRUCKNER BOULEVARD
BRONX, NEW YORK

SOIL ANALYTICAL RESULTS EXCEEDANCE MAP

JUNE 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0213675\GIS\213675_000_122_BRUCKNER_BLVD.aprx - USER: khensen - LAST SAVED: 6/2/2025 12:35 PM



HA-SV-01	06/02/2025 200-78227-1
Volatile Organic Compounds (ug/m^3)	
1,2,4-Trimethylbenzene	2
1,3-Butadiene	0.7
1,3-Dichlorobenzene	1.7
2,2,4-Trimethylpentane	2.1
2-Butanone (Methyl Ethyl Ketone)	13
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	2.8
Acetone	140 D
Benzene	27
Butane	280 D
Carbon disulfide	15
Carbon tetrachloride	0.42
Chlorobenzene	0.23 J
Chloroethane	0.45 J
Chloroform (Trichloromethane)	0.64 J
Chloromethane (Methyl Chloride)	0.68 J
Cyclohexane	25
Dichlorodifluoromethane (CFC-12)	2.4 J
Ethylbenzene	1.2
Hexane	84
Isopropyl Alcohol (2-Propanol)	11 J
m,p-Xylenes	4
Methyl Tert Butyl Ether (MTBE)	1.6
Naphthalene	0.79 J
N-Heptane	38
o-Xylene	1.3
Styrene	0.26 J
Tert-Butyl Alcohol (tert-Butanol)	15
Tetrachloroethene	0.29 J
Toluene	8
Trichlorofluoromethane (CFC-11)	1.4
Trifluorotrichloroethane (Freon 113)	0.56 J
SUM of Volatile Organic Compounds	681.52
SUM of BTEX	41.5
SUM of CVOCs	0.71

HA-SV-02	06/02/2025 200-78227-2
Volatile Organic Compounds (ug/m^3)	
1,2,4-Trimethylbenzene	0.7 J
1,3-Butadiene	9.7
2,2,4-Trimethylpentane	2.9
2-Butanone (Methyl Ethyl Ketone)	4.8
Acetone	42
Benzene	9.8
Butane	150 D
Carbon disulfide	8.3
Carbon tetrachloride	0.37
Chloroform (Trichloromethane)	1.8
Chloromethane (Methyl Chloride)	1.8
Cyclohexane	3.2
Dichlorodifluoromethane (CFC-12)	2.6
Ethylbenzene	0.63 J
Hexane	26
Isopropyl Alcohol (2-Propanol)	7.2 J
Isopropylbenzene (Cumene)	0.7 J
m,p-Xylenes	1.8 J
N-Heptane	9.5
o-Xylene	0.54 J
Tetrachloroethene	3.5
Toluene	4.5
Trichlorofluoromethane (CFC-11)	1.5
Trifluorotrichloroethane (Freon 113)	0.59 J
SUM of Volatile Organic Compounds	294.43
SUM of BTEX	17.27
SUM of CVOCs	3.87

LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- SOIL VAPOR POINT

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, MARCH 11, 2025
4. ALL DETECTED ANALYTES SHOWN ON FIGURE.
5. SOIL VAPOR ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCS).
6. RESULTS ARE DISPLAYED IN MICROGRAMS PER CUBIC METER (µg/m^3).
7. TOTAL DETECTED CONCENTRATIONS OF BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES (BTEX).
8. TOTAL CVOCS CONCENTRATIONS OF 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 DETECTED CONCENTRATIONS.
10. DEFINITIONS:
D = SAMPLE RESULTS OBTAINED FROM A DILUTION
J = ESTIMATED VALUE

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

122 BRUCKNER BOULEVARD
BRONX, NEW YORK

SOIL VAPOR ANALYTICAL RESULTS MAP

JUNE 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrichshare\CF\Projects\0213675\GIS\213675_000_122_BRUCKNER_BLVD.aprx - USER: khensen - LAST SAVED: 6/2/2025 12:35 PM

ATTACHMENT A
Geophysical Survey Report

JOB SUMMARY REPORT

Order Number:	Work Order #788212	**Job Date:**	Jun 2, 2025 3:08:00 PM
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	122 Bruckner Boulevard, Bronx, New York 10454
Work Order Number	Work Order #788212
Job Number	
PO Number	

GPRS Project Manager: David Shuman

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:

- **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
- **GPS:** This handheld unit offers accuracy down to 4 inches; however, the accuracy achieved will depend on the satellite environment at the time of collection and is not considered survey-grade. Features can be collected as points, lines, or areas and then exported as a KML/KMZ or overlaid on a CAD drawing. For more information, please visit: Link

JOB SUMMARY REPORT

WORK PERFORMED

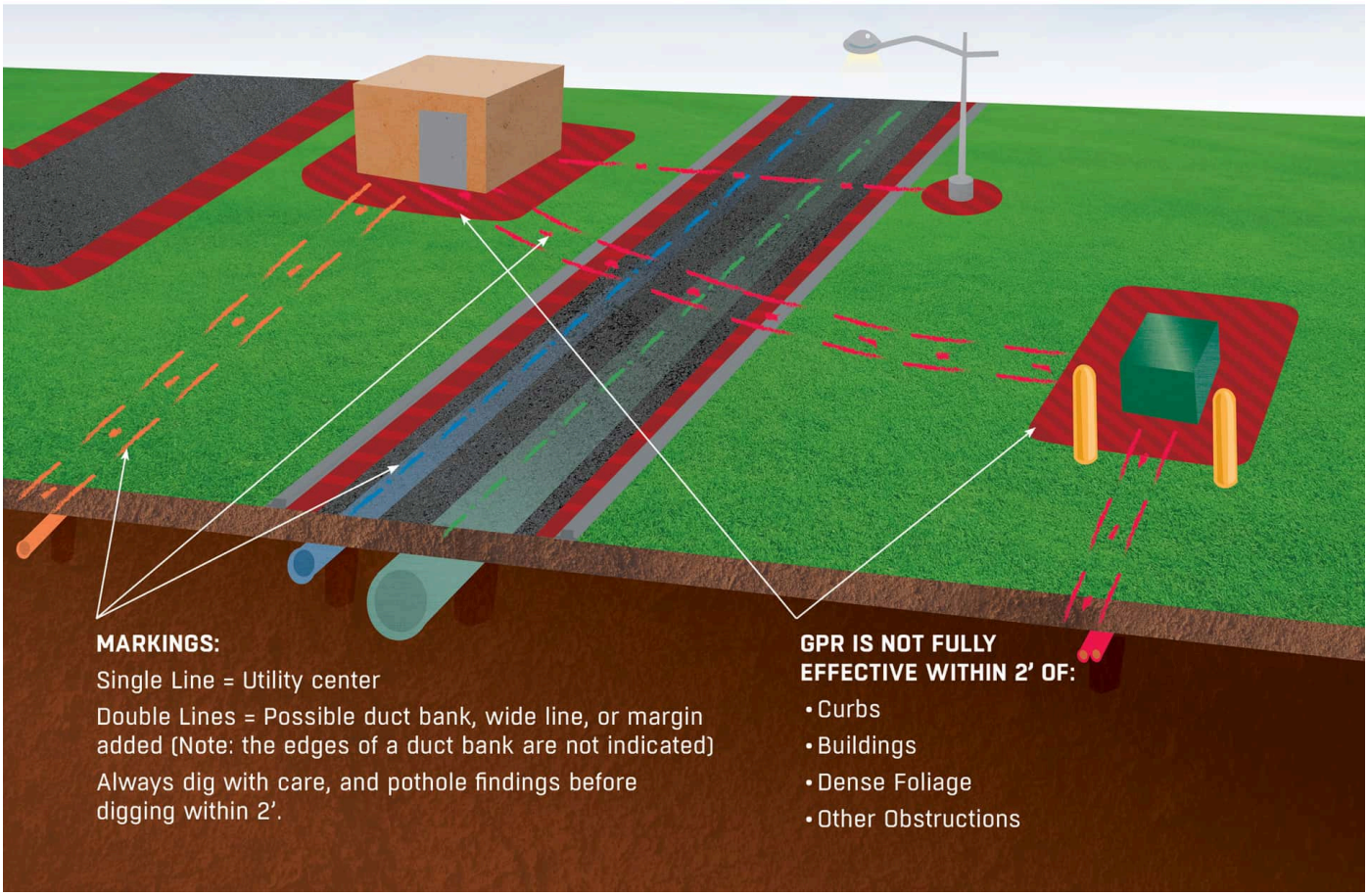
UNDERGROUND UTILITY	
Client Provided Drawings	No
Client completed 811 locate request	No
Scope of Work	Scan and mark out 5 soil boring locations.
Soil Borings (qty)	5
Approximate GPR Effective Depth (ft)	0
Limitations Encountered	- Surface obstructions - RF interference
Marking Medium	- Spray Paint
Results Notes	GPRS scanned and marked out 5 areas for soil borings. Each scan area was approximately 4'x4'. The scanning was conducted with mixture of the GPR and the EM Pipe Detector. The GPR was largely ineffective on site with a maximum depth penetration of 0'-1'. The majority of the scan was conducted with the EM Pipe Detector in Passive Mode. GPRS encountered interference on site and shifted the boring locations to avoid these locations. Storm catch basins were observed on site but did not appear to contain any lines running in or out of them. Due to interference and limited depth penetration, GPRS recommends proceeding with caution. Please do not go outside of the whistle scan boundaries. Thank you.

JOB SUMMARY REPORT

SUPPLEMENTAL INFORMATION

COMMON UTILITY LOCATING LIMITATIONS

There are many limitations to locating utilities, due to a variety of factors, with several more common examples illustrated here.



JOB SUMMARY REPORT

JOBSITE IMAGES

Jobsite Photo #1

Jobsite Photo #2

Jobsite Photo #3

Jobsite Photo #4

JOB SUMMARY REPORT

Jobsite Photo #5

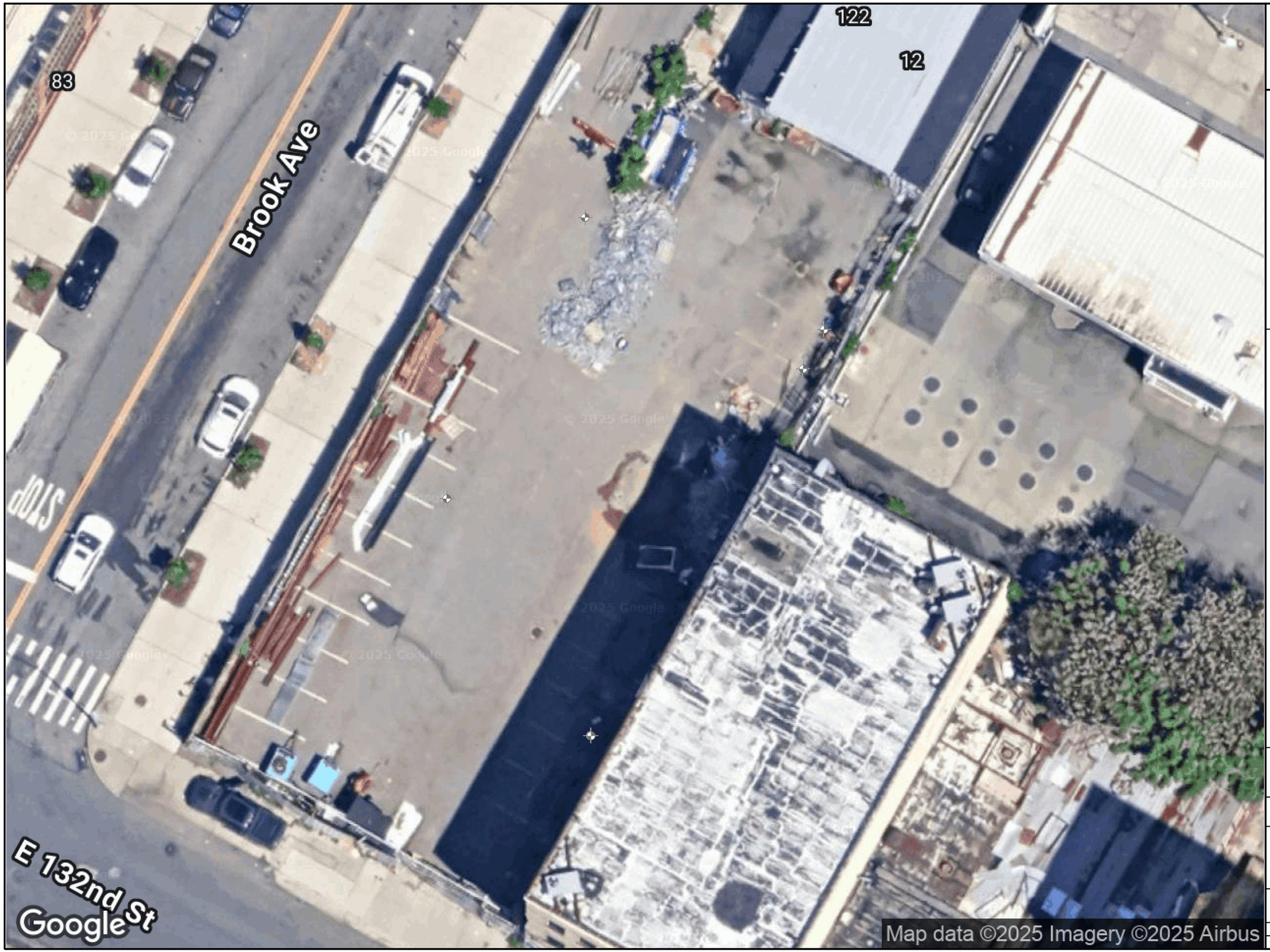
CONTACT / SIGNATURE INFORMATION

Contact Information

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

TERMS & CONDITIONS

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



788212

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LEGEND

MISCELLANEOUS

ADDITIONAL COMMENTS:
EACH SCAN APPROXIMATELY 4X4

0' 5' 10' 15' 20' 25'

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FOR INFORMATION ONLY

GPRS FINDINGS MAP

PREPARED FOR:
HALEY AND ALDRICH INC - BURLINGTON

LOCATION:
122 BRUCKNER BOULEVARD
122 BRUCKNER BOULEVARD
BRONX, NY

PROJECT MANAGER:
DAVID SHUMAN
DAVID.SHUMAN@GPRSINC.COM

DATE	2025 JUN 02		
DRAWING NO.	1	REV.	0

- AIR_COMPRESSOR
- AIR_CONTINUES
- AIR_EOI
- AIR_MANHOLE
- AIR_MISC
- AIR_PUMP
- AIR_RISER
- CHEM_AST
- CHEM_CONTINUES
- CHEM_EOI
- CHEM_MANHOLE
- CHEM_MISC
- CHEM_PUMP
- CHEM_TANK
- CHEM_VALVE
- COMM_BOX
- COMM_CAMERA
- COMM_CONTINUES
- COMM_EOI
- COMM_MANHOLE
- COMM_MISC
- COMM_PEDESTAL
- COMM_POLE
- COMM_VAULT
- LD_HYDRANT LEAK
- LD_MAIN BREAK
- LD_SERVICE LEAK
- LD_VALVE LEAK
- ELEC_BOX
- ELEC_CABINET
- ELEC_CONTINUES
- ELEC_EOI
- ELEC_EQUIPMENT
- ELEC_LANDSCAPELIGHT
- ELEC_MANHOLE
- ELEC_METER
- ELEC_MISC
- ELEC_PANEL
- ELEC_POWERPOLE
- ELEC_SIGN
- ELEC_SITELIGHT
- ELEC_TRANSFORMER
- ELEC_UTILITYPOLE
- ELEC_VAULT
- FIRE_BACKFLOWPREVENTOR
- FIRE_CONTINUES
- FIRE_EOI
- FIRE_HYDRANT
- FIRE_MANHOLE
- FIRE_METER
- FIRE_MISC
- FIRE_POSTINDICATORVALVE
- FIRE_RISER
- FIRE_VALVE
- FUEL_AST
- FUEL_CONTINUES
- FUEL_EOI
- FUEL_MANHOLE
- FUEL_MISC
- FUEL_PUMP
- FUEL_RISER
- FUEL_UST
- FUEL_VALVE
- FUEL_VAULT
- FUEL_VENT
- GAS_AST
- GAS_CONTINUES
- GAS_EOI
- GAS_MANHOLE
- GAS_METER
- GAS_MISC
- GAS_PUMP
- GAS_RISER
- GAS_UST
- GAS_VALVE
- GAS_VAULT
- GAS_VENT
- IRR_BACKFLOWPREVENTOR
- IRR_CONTINUES
- IRR_CONTROL VALVE
- IRR_EOI
- IRR_MISC
- IRR_RISER
- IRR_SPRINKLER
- MISC_CONTINUES
- MISC_DEPTH
- MISC_EOI
- MISC_MANHOLE
- MISC_POINT
- MISC_VALVE
- OIL_CONTINUES
- OIL_EOI
- OIL_MANHOLE
- OIL_MISC
- OIL_PUMP
- OIL_RISER
- OIL_TANK
- OIL_UST
- OIL_VALVE
- OIL_VAULT
- OIL_VENT
- SAN_CLEANOUT
- SAN_CONTINUES
- SAN_EOI
- SAN_GREASETRAP
- SAN_INVERT
- SAN_LIFTSTATION
- SAN_MANHOLE
- SAN_MARKER
- SAN_MISC
- SAN_SEPTICTANK
- SAN_VAULT
- SAN_VENT
- STEAM_CONTINUES
- STEAM_EOI
- STEAM_MANHOLE
- STEAM_VALVE
- STRM_CATCHBASINROUND
- STRM_CATCHBASINSQUARE
- STRM_CLEANOUT
- STRM_CONTINUES
- STRM_ENDPIPE
- STRM_EOI
- STRM_LIFTSTATION
- STRM_MANHOLE
- STRM_MISC
- STRM_ROOFDRAIN
- STRM_TRENCHDRAIN
- STRM_UST
- STRM_VAULT
- STRM_VENT
- STRM_YARDBASIN
- TRAF_BOX
- TRAF_CABINET
- TRAF_CONTINUES
- TRAF_EOI
- TRAF_MANHOLE
- TRAF_MISC
- TRAF_PARKINGMETER
- TRAF_POLE
- TRAF_SIGN
- TRAF_SIGNAL
- TRAF_STREETLIGHT
- TREE_CONIFEROUS
- TREE_DECIDUOUS
- UNKN_CONTINUES
- UNKN_EOI
- UNKN_MANHOLE
- UNKN_MISC
- UNKN_VALVE
- WTR_BACKFLOWPREVENTOR
- WTR_CONTINUES
- WTR_EOI
- WTR_HYDRANT
- WTR_MANHOLE
- WTR_METER
- WTR_MISC
- WTR_POSTINDICATORVALVE
- WTR_RISER
- WTR_VALVE
- WTR_WELLHEAD
- BUILDING CORNER
- FLAGPOLE
- GRAVE
- GRAVE
- HEADSTONE NO GRAVE
- MAILBOX
- POST
- PROPOSED BY OTHERS
- SATELLITE
- SIGN
- SOIL BORING MARKER

GPRS

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LEGEND

MISCELLANEOUS

ADDITIONAL COMMENTS:
EACH SCAN APPROXIMATELY 4X4

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FOR INFORMATION ONLY

GPRS FINDINGS MAP

PREPARED FOR:
HALEY AND ALDRICH INC - BURLINGTO

LOCATION:
122 BRUCKNER BOULEVARD
122 BRUCKNER BOULEVARD
BRONX, NY

PROJECT MANAGER:
DAVID SHUMAN
DAVID.SHUMAN@GPRSINC.COM

DATE	2025 JUN 02		
DRAWING NO.	2	REV.	0

788212

ATTACHMENT B
Soil Boring Logs

HALEY ALDRICH

SOIL BORING LOG

BORING NO. HA-B01

Page 1 of 1

PROJECT	122 Bruckner Boulevard	**PROJECT #**	0213675
LOCATION	122 Bruckner Boulevard, Bronx, NY	**PROJECT MGR.**	Mari Cate Conlon
CLIENT	Manhattan Management Realty	**FIELD REP.**	JRM, KRO
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	6/2/2025
DRILLER	Mike K.	**DATE FINISHED**	6/2/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Geoprobe 54DT		**Surface Conditions**	**Drilling Notes**
Type	Steel	4-ft Macrocore	**Completion Depth (ft.)**	**12**	**Drilling Method**	Asphalt	
Inside Diameter (in.)	2	2	**Number of Samples**	**2**	Direct Push		
Hammer Weight (lb.)	NA	NA					
Hammer Fall (in.)	NA	NA					

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					(0-3)	Dark brown to black fine SAND, trace silt, gravel, glass pieces [FILL]	HA-B01_0-2
1		0					
2	48/48	0	NA	Dry			HA-B01_2-4
3		0					
4			NA	Dry	(3-5)	Light brown fine to medium SAND, trace silt [SP]	
5		0					
6	72/72		NA	Wet	(5-12)	Light brown fine to coarse SAND, trace gravel [SP]	
7		0					
8		0					
9		0					
10		0					
11		0					
12		0				End of Boring at 12 ft bgs	
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

Summary

Overburden (Linear ft.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. HA-B01

***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. HA-B02

Page 1 of 1

PROJECT	122 Bruckner Boulevard	**PROJECT #**	0213675
LOCATION	122 Bruckner Boulevard, Bronx, NY	**PROJECT MGR.**	Mari Cate Conlon
CLIENT	Manhattan Management Realty	**FIELD REP.**	JRM, KRO
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	6/2/2025
DRILLER	Mike K.	**DATE FINISHED**	6/2/2025

Elevation	ft.	**Datum**	**Boring Location**	See Sample Location Plan			
Item	**Casing**	**Sampler**	**Rig Make & Model**	Geoprobe 54DT		**Surface Conditions**	**Drilling Notes**
Type	Steel	4-ft Macrocore	**Completion Depth (ft.)**	**12**	**Drilling Method**	Asphalt	
Inside Diameter (in.)	2	2			Direct Push		
Hammer Weight (lb.)	NA	NA	**Number of Samples**	**2**			
Hammer Fall (in.)	NA	NA					

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	No	Dry	(0-3)	Black, fine sand, trace silt, gravel, brick [FILL]	
1							HA-B02_0-2
		0					
2	38/48						
		0					
3							HA-B02_2-4
		0.2	No	Dry	(3-7)	Light brown fine SAND, trace silt [SM]	
4							
		0.1					
5							
		3.2					
6							
	25/48	1.9					
7			Light	Wet	(7-12)	Gray coarse SAND, trace silt, clay, gravel [SP]	
		82.5					
8							
		75.7					
9							
		2.3					
10	14/48		No	Wet			
		1.9					
11							
		0					
12							
						End of Boring at 12 ft bgs	
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

Summary

Overburden (Linear ft.) _____

Rock Cored (Linear ft.) _____

Number of Samples _____

BORING NO. HA-B02

*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
Soil Vapor Sampling Log

SOIL VAPOR SAMPLING LOG

Project Name/Location: 122 Bruckner Boulevard Project Number: 0213675

Site:	122 Bruckner Boulevard
Date Collected:	6/2/2025
Personnel:	JRM, KRO
Weather:	55-72 °F, Sunny
Humidity:	71%

Sample ID	Canister 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
HA-SV01	6L	4451	3857	9:50	-29.00	11:50	-7	6/2/2025	Soil Vapor	TO-15
HA-SV02	6L	4875	27031	9:55	-30.00	11:35	-4	6/2/2025	Soil Vapor	TO-15

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

Analyses for VOCs by Method TO-15

ATTACHMENT D
Laboratory Analytical Data Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/9/2025 11:14:47 AM

JOB DESCRIPTION

122 Bruckner Boulevard, Bronx, NY

JOB NUMBER

460-327422-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

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 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

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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.
Job ID: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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 Narrative
460-327422-1

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 6/3/2025 11:30 AM. 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 1.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1041849 was outside the method criteria for the following analytes: Bromoform (biased high), Methyl acetate and 1,1-Dichloroethene (biased low). 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.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1041849 recovered outside control limits for the following analytes: Bromoform, cis-1,3-Dichloropropene and trans-1,3-Dichloropropene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: HA-B01_0-2 (460-327422-1) and HA-B02_0-2 (460-327422-3). These results have been reported and qualified.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1041844 recovered above the upper control limit for Methyl acetate. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1041844 recovered outside control limits for the following analytes: Methyl acetate. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1041346 was outside the method criteria for the following analyte(s): Benzaldehyde. 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.

Method 8270E: The laboratory control sample (LCS) for preparation batch 460-1041313 and analytical batch 460-1041346 recovered outside control limits for the following analytes: Atrazine. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Job ID: 460-327422-1 (Continued) Eurofins Edison

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: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-B01_0-2 — Lab Sample ID: 460-327422-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00061	J	0.0011	0.00029	mg/Kg	1	☼	8260D	Total/NA
Acenaphthylene	0.013	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.032	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.31		0.037	0.028	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.31		0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.48		0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.21	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.15		0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.59		0.37	0.020	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.33	J	0.37	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.066		0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.45		0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.23		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.094	J	0.37	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.40		0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6630		17.1	4.7	mg/Kg	1	☼	6020B	Total/NA
Antimony	10.7		0.85	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.1		0.85	0.088	mg/Kg	1	☼	6020B	Total/NA
Barium	149		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.32	J	0.34	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.70	J	0.85	0.097	mg/Kg	1	☼	6020B	Total/NA
Calcium	28400		85.4	8.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.8		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.1		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	71.1		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	23500		51.2	6.5	mg/Kg	1	☼	6020B	Total/NA
Lead	312		0.51	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8220		85.4	8.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	199		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.0		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	1260		85.4	13.8	mg/Kg	1	☼	6020B	Total/NA
Selenium	1.5		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.23	J	0.34	0.076	mg/Kg	1	☼	6020B	Total/NA
Sodium	505		85.4	39.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.17	J	0.34	0.035	mg/Kg	1	☼	6020B	Total/NA
Vanadium	36.1		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	278		6.8	0.93	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.088		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-B01_2-4 — Lab Sample ID: 460-327422-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.012	J	0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.016	J	0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.015	J	0.36	0.0089	mg/Kg	1	☼	8270E	Total/NA
Aluminum	8090		17.6	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.9		0.88	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.5		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	47.9		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.28	J	0.35	0.019	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.12	J	0.88	0.099	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: HA-B01_2-4 (Continued)

Lab Sample ID: 460-327422-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	3050		88.0	8.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.0		1.8	0.26	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.0		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	27.0		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	15100		52.8	6.7	mg/Kg	1	☼	6020B	Total/NA
Lead	30.5		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3050		88.0	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	222		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.6		1.8	0.16	mg/Kg	1	☼	6020B	Total/NA
Potassium	829		88.0	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.31	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	419		88.0	40.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.090	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.4		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	61.8		7.0	0.96	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.062		0.017	0.0082	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-B02_0-2

Lab Sample ID: 460-327422-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.025	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.065	J	0.41	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.26		0.041	0.031	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.24		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.30		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.14	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.11		0.041	0.0081	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.025	J	0.41	0.016	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.26	J	0.41	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.039	J	0.041	0.018	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.54		0.41	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.020	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.15		0.041	0.016	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0084	J	0.41	0.0071	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.30	J	0.41	0.017	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.49		0.41	0.010	mg/Kg	1	☼	8270E	Total/NA
Aluminum	8980		19.4	5.3	mg/Kg	1	☼	6020B	Total/NA
Antimony	16.0		0.97	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	39.9		0.97	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	275		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.67		0.39	0.021	mg/Kg	1	☼	6020B	Total/NA
Cadmium	3.8		0.97	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	3310		96.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	22.9		1.9	0.29	mg/Kg	1	☼	6020B	Total/NA
Cobalt	12.8		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	222		1.9	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	34000		58.1	7.4	mg/Kg	1	☼	6020B	Total/NA
Lead	740		0.58	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2780		96.8	9.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	328		3.9	0.39	mg/Kg	1	☼	6020B	Total/NA
Nickel	27.8		1.9	0.17	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-B02_0-2 (Continued)
Lab Sample ID: 460-327422-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	930		96.8	15.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	5.4		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.50		0.39	0.086	mg/Kg	1	☼	6020B	Total/NA
Sodium	765		96.8	44.3	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.65		0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.4		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	642		7.7	1.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.92		0.021	0.0098	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-B02_2-4
Lab Sample ID: 460-327422-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	7920		16.8	4.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.79	J	0.84	0.12	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.7		0.84	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	27.5		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.28	J	0.34	0.018	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.19	J	0.84	0.095	mg/Kg	1	☼	6020B	Total/NA
Calcium	645		83.9	8.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	11.1		1.7	0.25	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.8		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	16.4		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	13300		50.4	6.4	mg/Kg	1	☼	6020B	Total/NA
Lead	5.6		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2660		83.9	8.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	271		3.4	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.4		1.7	0.15	mg/Kg	1	☼	6020B	Total/NA
Potassium	729		83.9	13.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	209		83.9	38.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.34	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.1		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	80.8		6.7	0.91	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.0091	J	0.018	0.0084	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-TW01
Lab Sample ID: 460-327422-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	1.5		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.2		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	2.3		1.0	0.22	ug/L	1		8260D	Total/NA
Methylcyclohexane	1.0		1.0	0.71	ug/L	1		8260D	Total/NA
n-Butylbenzene	0.71	J	1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	1.4		1.0	0.32	ug/L	1		8260D	Total/NA
sec-Butylbenzene	1.1		1.0	0.37	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-B01_0-2
Date Collected: 06/02/25 08:30
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-1
Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00081	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00027	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00035	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00057	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00041	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Acetone	0.0066	U	0.0066	0.0063	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Benzene	0.0011	U	0.0011	0.00062	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Carbon disulfide	**0.00061**	**J**	0.0011	0.00029	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Chlorobenzene	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Chlorobromomethane	0.0011	U	0.0011	0.00066	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Chlorodibromomethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Ethylbenzene	0.0011	U	0.0011	0.00052	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Ethylene Dibromide	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Methyl acetate	0.0055	U *	0.0055	0.0047	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00047	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
n-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
N-Propylbenzene	0.0011	U	0.0011	0.00049	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
o-Xylene	0.0011	U	0.0011	0.00051	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
sec-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1

Client: Haley & Aldrich, Inc.
Job ID: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Client Sample ID: HA-B01_0-2
Lab Sample ID: 460-327422-1
Date Collected: 06/02/25 08:30
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1
Xylenes, Total	0.0022	U	0.0022	0.00019	mg/Kg	☼	06/03/25 12:59	06/06/25 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*	*06/03/25 12:59*	*06/06/25 08:54*	*1*
4-Bromofluorobenzene	*132*	*	*71 - 128*	*06/03/25 12:59*	*06/06/25 08:54*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*06/03/25 12:59*	*06/06/25 08:54*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*	*06/03/25 12:59*	*06/06/25 08:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2-Chloronaphthalene	0.37	U	0.37	0.048	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
3-Nitroaniline	0.37	U	0.37	0.088	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4-Nitroaniline	0.37	U	0.37	0.094	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Acenaphthylene	**0.013**	**J**	0.37	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1

Client Sample ID: HA-B01_0-2
Lab Sample ID: 460-327422-1
Date Collected: 06/02/25 08:30
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.032**	**J**	0.37	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Benzo[a]anthracene	**0.31**		0.037	0.028	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Benzo[a]pyrene	**0.31**		0.037	0.0099	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Benzo[b]fluoranthene	**0.48**		0.037	0.0096	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Benzo[g,h,i]perylene	**0.21**	**J**	0.37	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Benzo[k]fluoranthene	**0.15**		0.037	0.0073	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.069	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Bis(2-ethylhexyl) phthalate	**0.59**		0.37	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Chrysene	**0.33**	**J**	0.37	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Dibenz(a,h)anthracene	**0.066**		0.037	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Fluoranthene	**0.45**		0.37	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Indeno[1,2,3-cd]pyrene	**0.23**		0.037	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Nitrobenzene	0.037	U	0.037	0.021	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Phenanthrene	**0.094**	**J**	0.37	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1
Pyrene	**0.40**		0.37	0.0092	mg/Kg	☼	06/03/25 20:50	06/04/25 10:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 137*	*06/03/25 20:50*	*06/04/25 10:03*	*1*
2-Fluorobiphenyl	*71*		*33 - 117*	*06/03/25 20:50*	*06/04/25 10:03*	*1*
2-Fluorophenol (Surr)	*72*		*24 - 120*	*06/03/25 20:50*	*06/04/25 10:03*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*06/03/25 20:50*	*06/04/25 10:03*	*1*
Phenol-d5 (Surr)	*70*		*28 - 118*	*06/03/25 20:50*	*06/04/25 10:03*	*1*
Terphenyl-d14 (Surr)	*72*		*33 - 124*	*06/03/25 20:50*	*06/04/25 10:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6630**		17.1	4.7	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Antimony	**10.7**		0.85	0.12	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1

Client Sample ID: HA-B01_0-2
Lab Sample ID: 460-327422-1
Date Collected: 06/02/25 08:30
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		0.85	0.088	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Barium	149		1.7	0.12	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Beryllium	0.32	J	0.34	0.019	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Cadmium	0.70	J	0.85	0.097	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Calcium	28400		85.4	8.3	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Chromium	16.8		1.7	0.25	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Cobalt	7.1		1.7	0.13	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Copper	71.1		1.7	0.31	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Iron	23500		51.2	6.5	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Lead	312		0.51	0.17	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Magnesium	8220		85.4	8.7	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Manganese	199		3.4	0.34	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Nickel	19.0		1.7	0.15	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Potassium	1260		85.4	13.8	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Selenium	1.5		1.1	0.11	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Silver	0.23	J	0.34	0.076	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Sodium	505		85.4	39.0	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Thallium	0.17	J	0.34	0.035	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Vanadium	36.1		1.7	0.18	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1
Zinc	278		6.8	0.93	mg/Kg	☼	06/06/25 20:35	06/07/25 13:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.088		0.018	0.0086	mg/Kg	☼	06/05/25 01:28	06/05/25 08:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.3		1.0	1.0	%			06/03/25 16:55	1
Percent Solids (EPA Moisture)	88.7		1.0	1.0	%			06/03/25 16:55	1

Client Sample ID: HA-B01_2-4
Lab Sample ID: 460-327422-2
Date Collected: 06/02/25 08:40
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00051	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-B01_2-4
Date Collected: 06/02/25 08:40
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-2
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Carbon tetrachloride	0.00084	U	0.00084	0.00033	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Chloroform	0.00084	U	0.00084	0.00082	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
cis-1,2-Dichloroethene	0.00084	U	0.00084	0.00030	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00028	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Methyl acetate	0.0042	U *	0.0042	0.0036	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Methylene Chloride	0.0017	U	0.0017	0.00096	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00036	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Tetrachloroethene	0.00084	U	0.00084	0.00026	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Trichloroethene	0.00084	U	0.00084	0.00027	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Vinyl chloride	0.00084	U	0.00084	0.00046	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	06/03/25 12:59	06/06/25 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*65 - 138*	*06/03/25 12:59*	*06/06/25 09:17*	*1*
4-Bromofluorobenzene	*113*		*71 - 128*	*06/03/25 12:59*	*06/06/25 09:17*	*1*
Dibromofluoromethane (Surr)	*108*		*50 - 150*	*06/03/25 12:59*	*06/06/25 09:17*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*	*06/03/25 12:59*	*06/06/25 09:17*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-B01_2-4
Date Collected: 06/02/25 08:40
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-2
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
1,4-Dioxane	0.036	U	0.036	0.031	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.046	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2-Chloronaphthalene	0.36	U	0.36	0.046	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2-Nitroaniline	0.36	U	0.36	0.027	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
3 & 4 Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.054	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
3-Nitroaniline	0.36	U	0.36	0.085	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4-Methylphenol	0.36	U	0.36	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4-Nitroaniline	0.36	U	0.36	0.091	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Atrazine	0.14	U *	0.14	0.021	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Benzaldehyde	0.36	U	0.36	0.059	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Benzo[a]pyrene	0.036	U	0.036	0.0096	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Benzo[b]fluoranthene	**0.012**	**J**	0.036	0.0093	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Benzo[g,h,i]perylene	0.36	U	0.36	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Benzo[k]fluoranthene	0.036	U	0.036	0.0071	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.066	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Chrysene	0.36	U	0.36	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1

Client Sample ID: HA-B01_2-4
Date Collected: 06/02/25 08:40
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-2
Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Fluoranthene	**0.016**	**J**	0.36	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Hexachlorobutadiene	0.073	U	0.073	0.0076	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Naphthalene	0.36	U	0.36	0.0062	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1
Pyrene	**0.015**	**J**	0.36	0.0089	mg/Kg	☼	06/03/25 20:50	06/04/25 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 137*	*06/03/25 20:50*	*06/04/25 10:25*	*1*
2-Fluorobiphenyl	*68*		*33 - 117*	*06/03/25 20:50*	*06/04/25 10:25*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*06/03/25 20:50*	*06/04/25 10:25*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*06/03/25 20:50*	*06/04/25 10:25*	*1*
Phenol-d5 (Surr)	*67*		*28 - 118*	*06/03/25 20:50*	*06/04/25 10:25*	*1*
Terphenyl-d14 (Surr)	*69*		*33 - 124*	*06/03/25 20:50*	*06/04/25 10:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8090**		17.6	4.8	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Antimony	**1.9**		0.88	0.13	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Arsenic	**3.5**		0.88	0.091	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Barium	**47.9**		1.8	0.13	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Beryllium	**0.28**	**J**	0.35	0.019	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Cadmium	**0.12**	**J**	0.88	0.099	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Calcium	**3050**		88.0	8.6	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Chromium	**12.0**		1.8	0.26	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Cobalt	**5.0**		1.8	0.13	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Copper	**27.0**		1.8	0.32	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Iron	**15100**		52.8	6.7	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Lead	**30.5**		0.53	0.18	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Magnesium	**3050**		88.0	9.0	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Manganese	**222**		3.5	0.35	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Nickel	**11.6**		1.8	0.16	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Potassium	**829**		88.0	14.3	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Selenium	**0.31**	**J**	1.1	0.11	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Silver	0.35	U	0.35	0.078	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Sodium	**419**		88.0	40.2	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1

Client Sample ID: HA-B01_2-4
Lab Sample ID: 460-327422-2
Date Collected: 06/02/25 08:40
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.090	J	0.35	0.036	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Vanadium	17.4		1.8	0.18	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1
Zinc	61.8		7.0	0.96	mg/Kg	☼	06/06/25 20:35	06/07/25 13:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062		0.017	0.0082	mg/Kg	☼	06/05/25 01:28	06/05/25 07:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			06/03/25 16:55	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			06/03/25 16:55	1

Client Sample ID: HA-B02_0-2
Lab Sample ID: 460-327422-3
Date Collected: 06/02/25 09:00
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 80.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0022	U	0.0022	0.00052	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,1,2,2-Tetrachloroethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0022	U	0.0022	0.00067	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,1,2-Trichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,1-Dichloroethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,1-Dichloroethene	0.0022	U	0.0022	0.00050	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,2,3-Trichlorobenzene	0.0022	U	0.0022	0.0016	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,2,4-Trichlorobenzene	0.0022	U	0.0022	0.00079	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,2,4-Trimethylbenzene	0.0022	U	0.0022	0.00055	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,2-Dibromo-3-Chloropropane	0.0022	U	0.0022	0.0010	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,2-Dichlorobenzene	0.0022	U	0.0022	0.00080	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,2-Dichloroethane	0.0022	U	0.0022	0.00066	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,2-Dichloropropane	0.0022	U	0.0022	0.00094	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,3,5-Trimethylbenzene	0.0022	U	0.0022	0.00070	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,3-Dichlorobenzene	0.0022	U	0.0022	0.00081	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
1,4-Dichlorobenzene	0.0022	U	0.0022	0.0012	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
2-Butanone (MEK)	0.011	U	0.011	0.00082	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
2-Hexanone	0.011	U	0.011	0.0038	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
4-Methyl-2-pentanone (MIBK)	0.011	U	0.011	0.0035	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Acetone	0.013	U	0.013	0.013	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Benzene	0.0022	U	0.0022	0.0013	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Bromoform	0.0022	U	0.0022	0.00094	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Bromomethane	0.0044	U	0.0044	0.0022	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Carbon disulfide	0.0022	U	0.0022	0.00059	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Carbon tetrachloride	0.0022	U	0.0022	0.00086	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Chlorobenzene	0.0022	U	0.0022	0.0011	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Chlorobromomethane	0.0022	U	0.0022	0.0013	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Chlorodibromomethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Chloroethane	0.0022	U	0.0022	0.0012	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Chloroform	0.0022	U	0.0022	0.0022	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Chloromethane	0.0022	U	0.0022	0.00097	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-B02_0-2
Date Collected: 06/02/25 09:00
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-3
Matrix: Solid
Percent Solids: 80.0

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	0.0022	U	0.0022	0.00079	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
cis-1,3-Dichloropropene	0.0022	U	0.0022	0.00061	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Cyclohexane	0.0022	U	0.0022	0.00049	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Dichlorobromomethane	0.0022	U	0.0022	0.00057	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Dichlorodifluoromethane	0.0022	U	0.0022	0.00075	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Ethylbenzene	0.0022	U	0.0022	0.0010	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Ethylene Dibromide	0.0022	U	0.0022	0.0011	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Isopropylbenzene	0.0022	U	0.0022	0.00063	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Methyl acetate	0.011	U *	0.011	0.0095	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Methyl tert-butyl ether	0.0022	U	0.0022	0.0011	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Methylcyclohexane	0.0022	U	0.0022	0.0011	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Methylene Chloride	0.0044	U	0.0044	0.0025	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
m-Xylene & p-Xylene	0.0022	U	0.0022	0.00094	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
n-Butylbenzene	0.0022	U	0.0022	0.00065	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
N-Propylbenzene	0.0022	U	0.0022	0.0010	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
o-Xylene	0.0022	U	0.0022	0.0010	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
sec-Butylbenzene	0.0022	U	0.0022	0.00064	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Styrene	0.0022	U	0.0022	0.00062	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
tert-Butylbenzene	0.0022	U	0.0022	0.00061	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Tetrachloroethene	0.0022	U	0.0022	0.00068	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Toluene	0.0022	U	0.0022	0.00052	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
trans-1,2-Dichloroethene	0.0022	U	0.0022	0.00055	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
trans-1,3-Dichloropropene	0.0022	U	0.0022	0.00059	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Trichloroethene	0.0022	U	0.0022	0.00071	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Trichlorofluoromethane	0.0022	U	0.0022	0.00090	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Vinyl chloride	0.0022	U	0.0022	0.0012	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1
Xylenes, Total	0.0044	U	0.0044	0.00039	mg/Kg	☼	06/03/25 12:59	06/06/25 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*65 - 138*	*06/03/25 12:59*	*06/06/25 09:41*	*1*
4-Bromofluorobenzene	*138*	*	*71 - 128*	*06/03/25 12:59*	*06/06/25 09:41*	*1*
Dibromofluoromethane (Surr)	*130*		*50 - 150*	*06/03/25 12:59*	*06/06/25 09:41*	*1*
Toluene-d8 (Surr)	*117*		*71 - 126*	*06/03/25 12:59*	*06/06/25 09:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.41	U	0.41	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
1,2,4,5-Tetrachlorobenzene	0.41	U	0.41	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
1,4-Dioxane	0.041	U	0.041	0.036	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,2'-oxybis[1-chloropropane]	0.41	U	0.41	0.025	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,3,4,6-Tetrachlorophenol	0.41	U	0.41	0.028	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,4,5-Trichlorophenol	0.41	U	0.41	0.042	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,4,6-Trichlorophenol	0.17	U	0.17	0.053	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,4-Dichlorophenol	0.17	U	0.17	0.026	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,4-Dimethylphenol	0.41	U	0.41	0.049	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,4-Dinitrophenol	0.33	U	0.33	0.20	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,4-Dinitrotoluene	0.083	U	0.083	0.044	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2,6-Dinitrotoluene	0.083	U	0.083	0.030	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2-Chloronaphthalene	0.41	U	0.41	0.053	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2-Chlorophenol	0.41	U	0.41	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1

Client Sample ID: HA-B02_0-2
Lab Sample ID: 460-327422-3
Date Collected: 06/02/25 09:00
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 80.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.41	U	0.41	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2-Methylphenol	0.41	U	0.41	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2-Nitroaniline	0.41	U	0.41	0.031	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
2-Nitrophenol	0.41	U	0.41	0.041	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
3 & 4 Methylphenol	0.41	U	0.41	0.026	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
3,3'-Dichlorobenzidine	0.17	U	0.17	0.062	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
3-Nitroaniline	0.41	U	0.41	0.098	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4,6-Dinitro-2-methylphenol	0.33	U	0.33	0.17	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4-Bromophenyl phenyl ether	0.41	U	0.41	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4-Chloro-3-methylphenol	0.41	U	0.41	0.023	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4-Chloroaniline	0.41	U	0.41	0.073	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4-Chlorophenyl phenyl ether	0.41	U	0.41	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4-Methylphenol	0.41	U	0.41	0.026	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4-Nitroaniline	0.41	U	0.41	0.10	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
4-Nitrophenol	0.83	U	0.83	0.067	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Acenaphthene	**0.025**	**J**	0.41	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Acenaphthylene	0.41	U	0.41	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Acetophenone	0.41	U	0.41	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Anthracene	**0.065**	**J**	0.41	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Atrazine	0.17	U *	0.17	0.024	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Benzaldehyde	0.41	U	0.41	0.068	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Benzo[a]anthracene	**0.26**		0.041	0.031	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Benzo[a]pyrene	**0.24**		0.041	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Benzo[b]fluoranthene	**0.30**		0.041	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Benzo[g,h,i]perylene	**0.14**	**J**	0.41	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Benzo[k]fluoranthene	**0.11**		0.041	0.0081	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Bis(2-chloroethoxy)methane	0.41	U	0.41	0.076	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Bis(2-chloroethyl)ether	0.041	U	0.041	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Bis(2-ethylhexyl) phthalate	0.41	U	0.41	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Butyl benzyl phthalate	0.41	U	0.41	0.019	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Caprolactam	0.41	U	0.41	0.064	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Carbazole	**0.025**	**J**	0.41	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Chrysene	**0.26**	**J**	0.41	0.017	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Dibenz(a,h)anthracene	**0.039**	**J**	0.041	0.018	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Dibenzofuran	0.41	U	0.41	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Diethyl phthalate	0.41	U	0.41	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Dimethyl phthalate	0.41	U	0.41	0.094	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Di-n-butyl phthalate	0.41	U	0.41	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Di-n-octyl phthalate	0.41	U	0.41	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Fluoranthene	**0.54**		0.41	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Fluorene	**0.020**	**J**	0.41	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Hexachlorobenzene	0.041	U	0.041	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Hexachlorobutadiene	0.083	U	0.083	0.0088	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Hexachlorocyclopentadiene	0.41	U	0.41	0.036	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Hexachloroethane	0.041	U	0.041	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Indeno[1,2,3-cd]pyrene	**0.15**		0.041	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Isophorone	0.17	U	0.17	0.12	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Naphthalene	**0.0084**	**J**	0.41	0.0071	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Nitrobenzene	0.041	U	0.041	0.023	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1

Client Sample ID: HA-B02_0-2
Date Collected: 06/02/25 09:00
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-3
Matrix: Solid
Percent Solids: 80.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	0.041	U	0.041	0.030	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
N-Nitrosodiphenylamine	0.41	U	0.41	0.034	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Pentachlorophenol	0.33	U	0.33	0.084	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Phenanthrene	**0.30**	**J**	0.41	0.017	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Phenol	0.41	U	0.41	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1
Pyrene	**0.49**		0.41	0.010	mg/Kg	☼	06/03/25 20:50	06/04/25 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 137*	*06/03/25 20:50*	*06/04/25 10:47*	*1*
2-Fluorobiphenyl	*67*		*33 - 117*	*06/03/25 20:50*	*06/04/25 10:47*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*06/03/25 20:50*	*06/04/25 10:47*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*06/03/25 20:50*	*06/04/25 10:47*	*1*
Phenol-d5 (Surr)	*65*		*28 - 118*	*06/03/25 20:50*	*06/04/25 10:47*	*1*
Terphenyl-d14 (Surr)	*70*		*33 - 124*	*06/03/25 20:50*	*06/04/25 10:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8980**		19.4	5.3	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Antimony	**16.0**		0.97	0.14	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Arsenic	**39.9**		0.97	0.10	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Barium	**275**		1.9	0.14	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Beryllium	**0.67**		0.39	0.021	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Cadmium	**3.8**		0.97	0.11	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Calcium	**3310**		96.8	9.4	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Chromium	**22.9**		1.9	0.29	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Cobalt	**12.8**		1.9	0.14	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Copper	**222**		1.9	0.36	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Iron	**34000**		58.1	7.4	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Lead	**740**		0.58	0.19	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Magnesium	**2780**		96.8	9.9	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Manganese	**328**		3.9	0.39	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Nickel	**27.8**		1.9	0.17	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Potassium	**930**		96.8	15.7	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Selenium	**5.4**		1.2	0.12	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Silver	**0.50**		0.39	0.086	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Sodium	**765**		96.8	44.3	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Thallium	**0.65**		0.39	0.040	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Vanadium	**33.4**		1.9	0.20	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1
Zinc	**642**		7.7	1.1	mg/Kg	☼	06/06/25 20:35	06/07/25 13:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.92**		0.021	0.0098	mg/Kg	☼	06/05/25 01:28	06/05/25 07:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**20.0**		1.0	1.0	%			06/03/25 16:55	1
Percent Solids (EPA Moisture)	**80.0**		1.0	1.0	%			06/03/25 16:55	1

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-B02_2-4
Date Collected: 06/02/25 09:10
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-4
Matrix: Solid
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00090	U	0.00090	0.00021	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,1,2,2-Tetrachloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,1,2-Trichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,1-Dichloroethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,1-Dichloroethene	0.00090	U	0.00090	0.00020	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,2,3-Trichlorobenzene	0.00090	U	0.00090	0.00067	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,2,4-Trichlorobenzene	0.00090	U	0.00090	0.00032	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,2,4-Trimethylbenzene	0.00090	U	0.00090	0.00022	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,2-Dibromo-3-Chloropropane	0.00090	U	0.00090	0.00041	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,2-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,2-Dichloroethane	0.00090	U	0.00090	0.00027	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,2-Dichloropropane	0.00090	U	0.00090	0.00038	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,3,5-Trimethylbenzene	0.00090	U	0.00090	0.00028	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,3-Dichlorobenzene	0.00090	U	0.00090	0.00033	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
1,4-Dichlorobenzene	0.00090	U	0.00090	0.00047	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
2-Butanone (MEK)	0.0045	U	0.0045	0.00033	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
2-Hexanone	0.0045	U	0.0045	0.0015	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
4-Methyl-2-pentanone (MIBK)	0.0045	U	0.0045	0.0014	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Acetone	0.0054	U	0.0054	0.0052	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Benzene	0.00090	U	0.00090	0.00051	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Bromoform	0.00090	U	0.00090	0.00038	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Bromomethane	0.0018	U	0.0018	0.00090	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Carbon disulfide	0.00090	U	0.00090	0.00024	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Carbon tetrachloride	0.00090	U	0.00090	0.00035	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Chlorobenzene	0.00090	U	0.00090	0.00046	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Chlorobromomethane	0.00090	U	0.00090	0.00054	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Chlorodibromomethane	0.00090	U	0.00090	0.00048	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Chloroethane	0.00090	U	0.00090	0.00047	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Chloroform	0.00090	U	0.00090	0.00088	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Chloromethane	0.00090	U	0.00090	0.00039	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
cis-1,2-Dichloroethene	0.00090	U	0.00090	0.00032	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
cis-1,3-Dichloropropene	0.00090	U	0.00090	0.00025	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Cyclohexane	0.00090	U	0.00090	0.00020	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Dichlorobromomethane	0.00090	U	0.00090	0.00023	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Dichlorodifluoromethane	0.00090	U	0.00090	0.00030	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Ethylbenzene	0.00090	U	0.00090	0.00042	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Ethylene Dibromide	0.00090	U	0.00090	0.00045	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Isopropylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Methyl acetate	0.0045	U *	0.0045	0.0039	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Methyl tert-butyl ether	0.00090	U	0.00090	0.00046	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Methylcyclohexane	0.00090	U	0.00090	0.00045	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Methylene Chloride	0.0018	U	0.0018	0.0010	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
m-Xylene & p-Xylene	0.00090	U	0.00090	0.00038	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
n-Butylbenzene	0.00090	U	0.00090	0.00027	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
N-Propylbenzene	0.00090	U	0.00090	0.00041	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
o-Xylene	0.00090	U	0.00090	0.00042	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
sec-Butylbenzene	0.00090	U	0.00090	0.00026	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Styrene	0.00090	U	0.00090	0.00025	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1

Client: Haley & Aldrich, Inc.
Job ID: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Client Sample ID: HA-B02_2-4
Lab Sample ID: 460-327422-4
Date Collected: 06/02/25 09:10
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00090	U	0.00090	0.00025	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Tetrachloroethene	0.00090	U	0.00090	0.00028	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Toluene	0.00090	U	0.00090	0.00021	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
trans-1,2-Dichloroethene	0.00090	U	0.00090	0.00022	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
trans-1,3-Dichloropropene	0.00090	U	0.00090	0.00024	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Trichloroethene	0.00090	U	0.00090	0.00029	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Trichlorofluoromethane	0.00090	U	0.00090	0.00037	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Vinyl chloride	0.00090	U	0.00090	0.00049	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1
Xylenes, Total	0.0018	U	0.0018	0.00016	mg/Kg	☼	06/03/25 12:59	06/06/25 10:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*06/03/25 12:59*	*06/06/25 10:05*	*1*
4-Bromofluorobenzene	*118*		*71 - 128*	*06/03/25 12:59*	*06/06/25 10:05*	*1*
Dibromofluoromethane (Surr)	*113*		*50 - 150*	*06/03/25 12:59*	*06/06/25 10:05*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*	*06/03/25 12:59*	*06/06/25 10:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
1,4-Dioxane	0.038	U	0.038	0.033	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.023	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.038	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,4-Dimethylphenol	0.38	U	0.38	0.045	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,4-Dinitrotoluene	0.076	U	0.076	0.041	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2-Chloronaphthalene	0.38	U	0.38	0.048	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2-Chlorophenol	0.38	U	0.38	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2-Nitroaniline	0.38	U	0.38	0.029	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
3 & 4 Methylphenol	0.38	U	0.38	0.023	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.057	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
3-Nitroaniline	0.38	U	0.38	0.089	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.021	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4-Chloroaniline	0.38	U	0.38	0.067	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4-Nitroaniline	0.38	U	0.38	0.096	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Acenaphthene	0.38	U	0.38	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Acenaphthylene	0.38	U	0.38	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Acetophenone	0.38	U	0.38	0.018	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1

Client: Haley & Aldrich, Inc.
Job ID: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Client Sample ID: HA-B02_2-4
Lab Sample ID: 460-327422-4
Date Collected: 06/02/25 09:10
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.38	U	0.38	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Benzaldehyde	0.38	U	0.38	0.062	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Benzo[a]anthracene	0.038	U	0.038	0.028	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Benzo[a]pyrene	0.038	U	0.038	0.010	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Benzo[b]fluoranthene	0.038	U	0.038	0.0097	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Benzo[g,h,i]perylene	0.38	U	0.38	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Benzo[k]fluoranthene	0.038	U	0.038	0.0074	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.070	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Bis(2-ethylhexyl) phthalate	0.38	U	0.38	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Caprolactam	0.38	U	0.38	0.059	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Carbazole	0.38	U	0.38	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Chrysene	0.38	U	0.38	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Dibenz(a,h)anthracene	0.038	U	0.038	0.016	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Dibenzofuran	0.38	U	0.38	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Diethyl phthalate	0.38	U	0.38	0.012	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Dimethyl phthalate	0.38	U	0.38	0.086	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Fluoranthene	0.38	U	0.38	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Fluorene	0.38	U	0.38	0.011	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.033	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Indeno[1,2,3-cd]pyrene	0.038	U	0.038	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Naphthalene	0.38	U	0.38	0.0065	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Nitrobenzene	0.038	U	0.038	0.021	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.027	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.031	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Phenanthrene	0.38	U	0.38	0.015	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Phenol	0.38	U	0.38	0.014	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1
Pyrene	0.38	U	0.38	0.0094	mg/Kg	☼	06/03/25 20:50	06/04/25 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 137*	*06/03/25 20:50*	*06/04/25 08:11*	*1*
2-Fluorobiphenyl	*66*		*33 - 117*	*06/03/25 20:50*	*06/04/25 08:11*	*1*
2-Fluorophenol (Surr)	*69*		*24 - 120*	*06/03/25 20:50*	*06/04/25 08:11*	*1*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*	*06/03/25 20:50*	*06/04/25 08:11*	*1*
Phenol-d5 (Surr)	*68*		*28 - 118*	*06/03/25 20:50*	*06/04/25 08:11*	*1*
Terphenyl-d14 (Surr)	*71*		*33 - 124*	*06/03/25 20:50*	*06/04/25 08:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7920**		16.8	4.6	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Antimony	**0.79**	**J**	0.84	0.12	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1

Client Sample ID: HA-B02_2-4
Lab Sample ID: 460-327422-4
Date Collected: 06/02/25 09:10
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		0.84	0.086	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Barium	27.5		1.7	0.12	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Beryllium	0.28	J	0.34	0.018	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Cadmium	0.19	J	0.84	0.095	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Calcium	645		83.9	8.2	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Chromium	11.1		1.7	0.25	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Cobalt	5.8		1.7	0.12	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Copper	16.4		1.7	0.31	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Iron	13300		50.4	6.4	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Lead	5.6		0.50	0.17	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Magnesium	2660		83.9	8.6	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Manganese	271		3.4	0.34	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Nickel	13.4		1.7	0.15	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Potassium	729		83.9	13.6	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Selenium	0.18	J	1.0	0.11	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Silver	0.34	U	0.34	0.075	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Sodium	209		83.9	38.4	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Thallium	0.10	J	0.34	0.034	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Vanadium	15.1		1.7	0.17	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1
Zinc	80.8		6.7	0.91	mg/Kg	☼	06/06/25 20:35	06/07/25 13:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0091	J	0.018	0.0084	mg/Kg	☼	06/05/25 01:28	06/05/25 07:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.4		1.0	1.0	%			06/03/25 16:55	1
Percent Solids (EPA Moisture)	87.6		1.0	1.0	%			06/03/25 16:55	1

Client Sample ID: HA-TW01
Lab Sample ID: 460-327422-5
Date Collected: 06/02/25 11:10
Matrix: Water
Date Received: 06/03/25 11:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/06/25 13:56	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/06/25 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/06/25 13:56	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/06/25 13:56	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/06/25 13:56	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/06/25 13:56	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/06/25 13:56	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/06/25 13:56	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/06/25 13:56	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/06/25 13:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/06/25 13:56	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/06/25 13:56	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/06/25 13:56	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/06/25 13:56	1

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-TW01
Date Collected: 06/02/25 11:10
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/06/25 13:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/06/25 13:56	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/06/25 13:56	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/06/25 13:56	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/06/25 13:56	1
Acetone	5.0	U	5.0	4.4	ug/L			06/06/25 13:56	1
Benzene	0.45	U	0.45	0.070	ug/L			06/06/25 13:56	1
Bromoform	1.0	U *	1.0	0.54	ug/L			06/06/25 13:56	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/06/25 13:56	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/06/25 13:56	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/06/25 13:56	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/06/25 13:56	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/06/25 13:56	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/06/25 13:56	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/06/25 13:56	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/06/25 13:56	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/06/25 13:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/06/25 13:56	1
cis-1,3-Dichloropropene	0.45	U *	0.45	0.069	ug/L			06/06/25 13:56	1
Cyclohexane	**1.5**		1.0	0.32	ug/L			06/06/25 13:56	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/06/25 13:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/06/25 13:56	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/06/25 13:56	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/06/25 13:56	1
Isopropylbenzene	**1.2**		1.0	0.34	ug/L			06/06/25 13:56	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			06/06/25 13:56	1
Methyl tert-butyl ether	**2.3**		1.0	0.22	ug/L			06/06/25 13:56	1
Methylcyclohexane	**1.0**		1.0	0.71	ug/L			06/06/25 13:56	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/06/25 13:56	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/06/25 13:56	1
n-Butylbenzene	**0.71**	**J**	1.0	0.32	ug/L			06/06/25 13:56	1
N-Propylbenzene	**1.4**		1.0	0.32	ug/L			06/06/25 13:56	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/06/25 13:56	1
sec-Butylbenzene	**1.1**		1.0	0.37	ug/L			06/06/25 13:56	1
Styrene	1.0	U	1.0	0.42	ug/L			06/06/25 13:56	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/06/25 13:56	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/06/25 13:56	1
Toluene	1.0	U	1.0	0.38	ug/L			06/06/25 13:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/06/25 13:56	1
trans-1,3-Dichloropropene	0.45	U *	0.45	0.12	ug/L			06/06/25 13:56	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/06/25 13:56	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/06/25 13:56	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/06/25 13:56	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/06/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*06/06/25 13:56*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*06/06/25 13:56*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*06/06/25 13:56*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/06/25 13:56*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

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)
460-327422-1	HA-B01_0-2	111	132 *	109	105
460-327422-2	HA-B01_2-4	110	113	108	97
460-327422-3	HA-B02_0-2	130	138 *	130	117
460-327422-4	HA-B02_2-4	112	118	113	101
LCS 460-1041844/3	Lab Control Sample	112	114	114	106
LCSD 460-1041844/4	Lab Control Sample Dup	106	108	107	102
MB 460-1041844/7	Method Blank	106	118	110	98

Surrogate Legend

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

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-327422-5	HA-TW01	104	101	97	102
LCS 460-1041849/3	Lab Control Sample	91	105	86	105
LCSD 460-1041849/4	Lab Control Sample Dup	95	107	92	105
MB 460-1041849/8	Method Blank	105	102	102	103

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	(18-137)	(33-117)	(24-120)	(27-120)	(28-118)	(33-124)
460-327422-1	HA-B01_0-2	70	71	72	70	70	72
460-327422-2	HA-B01_2-4	63	68	69	65	67	69
460-327422-3	HA-B02_0-2	67	67	65	65	65	70
460-327422-4	HA-B02_2-4	72	66	69	65	68	71
460-327425-E-1-C MS	Matrix Spike	74	70	73	68	72	74
460-327425-E-1-D MSD	Matrix Spike Duplicate	74	72	73	69	70	76
LCS 460-1041313/2-A	Lab Control Sample	93	85	85	84	84	90
LCSD 460-1041313/3-A	Lab Control Sample Dup	78	71	70	70	71	75
MB 460-1041313/1-A	Method Blank	79	73	74	73	73	76

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 460-1041844/7
Matrix: Solid
Analysis Batch: 1041844

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			06/06/25 07:19	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/06/25 07:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/06/25 07:19	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/06/25 07:19	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/06/25 07:19	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/06/25 07:19	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/06/25 07:19	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/06/25 07:19	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/06/25 07:19	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/06/25 07:19	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/06/25 07:19	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/06/25 07:19	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/06/25 07:19	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/06/25 07:19	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/06/25 07:19	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/06/25 07:19	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/06/25 07:19	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/06/25 07:19	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/06/25 07:19	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/06/25 07:19	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/06/25 07:19	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/06/25 07:19	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/06/25 07:19	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/06/25 07:19	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/06/25 07:19	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/06/25 07:19	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/06/25 07:19	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/06/25 07:19	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/06/25 07:19	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/06/25 07:19	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/06/25 07:19	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/06/25 07:19	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/06/25 07:19	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/06/25 07:19	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/06/25 07:19	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/06/25 07:19	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/06/25 07:19	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/06/25 07:19	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/06/25 07:19	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/06/25 07:19	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/06/25 07:19	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/06/25 07:19	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/06/25 07:19	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/06/25 07:19	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/06/25 07:19	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/06/25 07:19	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/06/25 07:19	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/06/25 07:19	1

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

Lab Sample ID: MB 460-1041844/7
Matrix: Solid
Analysis Batch: 1041844

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/06/25 07:19	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/06/25 07:19	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/06/25 07:19	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/06/25 07:19	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/06/25 07:19	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/06/25 07:19	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/06/25 07:19	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/06/25 07:19	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/06/25 07:19	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/06/25 07:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*		*06/06/25 07:19*	*1*
4-Bromofluorobenzene	*118*		*71 - 128*		*06/06/25 07:19*	*1*
Dibromofluoromethane (Surr)	*110*		*50 - 150*		*06/06/25 07:19*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*06/06/25 07:19*	*1*

Lab Sample ID: LCS 460-1041844/3
Matrix: Solid
Analysis Batch: 1041844

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	0.0209		mg/Kg		105	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0190		mg/Kg		95	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0241		mg/Kg		121	75 - 121
1,1,2-Trichloroethane	0.0200	0.0195		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0231		mg/Kg		116	72 - 120
1,1-Dichloroethene	0.0200	0.0221		mg/Kg		111	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0217		mg/Kg		109	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0230		mg/Kg		115	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/Kg		97	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0165		mg/Kg		83	80 - 124
1,2-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0213		mg/Kg		106	70 - 123
1,2-Dichloropropane	0.0200	0.0227		mg/Kg		113	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0196		mg/Kg		98	70 - 120
1,3-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	0.0200	0.0211		mg/Kg		105	80 - 120
2-Butanone (MEK)	0.100	0.0896		mg/Kg		90	64 - 128
2-Hexanone	0.100	0.103		mg/Kg		103	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.102		mg/Kg		102	80 - 120
Acetone	0.100	0.106		mg/Kg		106	58 - 122
Benzene	0.0200	0.0204		mg/Kg		102	75 - 120
Bromoform	0.0200	0.0177		mg/Kg		88	61 - 125
Bromomethane	0.0200	0.0220		mg/Kg		110	37 - 150
Carbon disulfide	0.0200	0.0237		mg/Kg		118	57 - 133
Carbon tetrachloride	0.0200	0.0215		mg/Kg		107	66 - 127
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120

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

Lab Sample ID: LCS 460-1041844/3
Matrix: Solid
Analysis Batch: 1041844

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobromomethane	0.0200	0.0212		mg/Kg		106	76 - 127
Chlorodibromomethane	0.0200	0.0176		mg/Kg		88	72 - 120
Chloroethane	0.0200	0.0214		mg/Kg		107	60 - 123
Chloroform	0.0200	0.0218		mg/Kg		109	79 - 126
Chloromethane	0.0200	0.0222		mg/Kg		111	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0216		mg/Kg		108	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	75 - 120
Cyclohexane	0.0200	0.0231		mg/Kg		115	65 - 132
Dichlorobromomethane	0.0200	0.0195		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0199		mg/Kg		100	45 - 129
Ethylbenzene	0.0200	0.0203		mg/Kg		102	80 - 120
Ethylene Dibromide	0.0200	0.0191		mg/Kg		95	79 - 120
Isopropylbenzene	0.0200	0.0198		mg/Kg		99	74 - 120
Methyl acetate	0.0400	0.0518	*	mg/Kg		130	57 - 120
Methyl tert-butyl ether	0.0200	0.0209		mg/Kg		105	74 - 125
Methylcyclohexane	0.0200	0.0222		mg/Kg		111	66 - 125
Methylene Chloride	0.0200	0.0220		mg/Kg		110	78 - 120
m-Xylene & p-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120
n-Butylbenzene	0.0200	0.0226		mg/Kg		113	72 - 120
N-Propylbenzene	0.0200	0.0212		mg/Kg		106	68 - 120
o-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120
sec-Butylbenzene	0.0200	0.0207		mg/Kg		103	78 - 120
Styrene	0.0200	0.0188		mg/Kg		94	80 - 120
tert-Butylbenzene	0.0200	0.0195		mg/Kg		98	80 - 120
Tetrachloroethene	0.0200	0.0212		mg/Kg		106	73 - 120
Toluene	0.0200	0.0192		mg/Kg		96	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0220		mg/Kg		110	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		93	77 - 120
Trichloroethene	0.0200	0.0213		mg/Kg		106	80 - 120
Trichlorofluoromethane	0.0200	0.0197		mg/Kg		98	61 - 130
Vinyl chloride	0.0200	0.0205		mg/Kg		102	54 - 122
Xylenes, Total	0.0400	0.0390		mg/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*
4-Bromofluorobenzene	*114*		*71 - 128*
Dibromofluoromethane (Surr)	*114*		*50 - 150*
Toluene-d8 (Surr)	*106*		*71 - 126*

Lab Sample ID: LCSD 460-1041844/4
Matrix: Solid
Analysis Batch: 1041844

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	0.0208		mg/Kg		104	78 - 120	0	30
1,1,2,2-Tetrachloroethane	0.0200	0.0186		mg/Kg		93	70 - 133	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0234		mg/Kg		117	75 - 121	3	30
1,1,2-Trichloroethane	0.0200	0.0191		mg/Kg		96	80 - 120	2	30

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

Lab Sample ID: LCSD 460-1041844/4
Matrix: Solid
Analysis Batch: 1041844

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-Dichloroethane	0.0200	0.0223		mg/Kg		112	72 - 120	3	30
1,1-Dichloroethene	0.0200	0.0205		mg/Kg		103	76 - 120	8	30
1,2,3-Trichlorobenzene	0.0200	0.0214		mg/Kg		107	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0227		mg/Kg		113	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	75 - 120	4	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0165		mg/Kg		83	80 - 124	0	30
1,2-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120	9	30
1,2-Dichloroethane	0.0200	0.0207		mg/Kg		104	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0223		mg/Kg		111	73 - 124	2	30
1,3,5-Trimethylbenzene	0.0200	0.0184		mg/Kg		92	70 - 120	7	30
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		99	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	6	30
2-Butanone (MEK)	0.100	0.0878		mg/Kg		88	64 - 128	2	30
2-Hexanone	0.100	0.100		mg/Kg		100	75 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0993		mg/Kg		99	80 - 120	3	30
Acetone	0.100	0.105		mg/Kg		105	58 - 122	1	30
Benzene	0.0200	0.0202		mg/Kg		101	75 - 120	1	30
Bromoform	0.0200	0.0171		mg/Kg		85	61 - 125	4	30
Bromomethane	0.0200	0.0212		mg/Kg		106	37 - 150	4	30
Carbon disulfide	0.0200	0.0229		mg/Kg		114	57 - 133	3	30
Carbon tetrachloride	0.0200	0.0205		mg/Kg		103	66 - 127	5	30
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	1	30
Chlorobromomethane	0.0200	0.0207		mg/Kg		103	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0173		mg/Kg		87	72 - 120	1	30
Chloroethane	0.0200	0.0207		mg/Kg		104	60 - 123	3	30
Chloroform	0.0200	0.0207		mg/Kg		104	79 - 126	5	30
Chloromethane	0.0200	0.0208		mg/Kg		104	46 - 122	6	30
cis-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		102	80 - 123	5	30
cis-1,3-Dichloropropene	0.0200	0.0199		mg/Kg		99	75 - 120	1	30
Cyclohexane	0.0200	0.0225		mg/Kg		112	65 - 132	3	30
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0186		mg/Kg		93	45 - 129	7	30
Ethylbenzene	0.0200	0.0195		mg/Kg		97	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0188		mg/Kg		94	79 - 120	1	30
Isopropylbenzene	0.0200	0.0196		mg/Kg		98	74 - 120	1	30
Methyl acetate	0.0400	0.0496	*	mg/Kg		124	57 - 120	4	30
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	74 - 125	4	30
Methylcyclohexane	0.0200	0.0219		mg/Kg		110	66 - 125	1	30
Methylene Chloride	0.0200	0.0208		mg/Kg		104	78 - 120	5	30
m-Xylene & p-Xylene	0.0200	0.0191		mg/Kg		95	80 - 120	1	30
n-Butylbenzene	0.0200	0.0220		mg/Kg		110	72 - 120	3	30
N-Propylbenzene	0.0200	0.0197		mg/Kg		99	68 - 120	7	30
o-Xylene	0.0200	0.0194		mg/Kg		97	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0199		mg/Kg		100	78 - 120	4	30
Styrene	0.0200	0.0187		mg/Kg		94	80 - 120	0	30
tert-Butylbenzene	0.0200	0.0184		mg/Kg		92	80 - 120	6	30
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	73 - 120	1	30
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	78 - 120	4	30

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

Lab Sample ID: LCSD 460-1041844/4
Matrix: Solid
Analysis Batch: 1041844

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
trans-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	77 - 120	0	30
Trichloroethene			0.0200	0.0198		mg/Kg		99	80 - 120	7	30
Trichlorofluoromethane			0.0200	0.0191		mg/Kg		96	61 - 130	3	30
Vinyl chloride			0.0200	0.0199		mg/Kg		99	54 - 122	3	30
Xylenes, Total			0.0400	0.0385		mg/Kg		96	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*65 - 138*
4-Bromofluorobenzene	*108*		*71 - 128*
Dibromofluoromethane (Surr)	*107*		*50 - 150*
Toluene-d8 (Surr)	*102*		*71 - 126*

Lab Sample ID: MB 460-1041849/8
Matrix: Water
Analysis Batch: 1041849

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	1.0	U	1.0	0.24	ug/L			06/06/25 11:06	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/06/25 11:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/06/25 11:06	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/06/25 11:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/06/25 11:06	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/06/25 11:06	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/06/25 11:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/06/25 11:06	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/06/25 11:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/06/25 11:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/06/25 11:06	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/06/25 11:06	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/06/25 11:06	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/06/25 11:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/06/25 11:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/06/25 11:06	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/06/25 11:06	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/06/25 11:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/06/25 11:06	1
Acetone	5.0	U	5.0	4.4	ug/L			06/06/25 11:06	1
Benzene	0.45	U	0.45	0.070	ug/L			06/06/25 11:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/06/25 11:06	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/06/25 11:06	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/06/25 11:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/06/25 11:06	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/06/25 11:06	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/06/25 11:06	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/06/25 11:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/06/25 11:06	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/06/25 11:06	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/06/25 11:06	1

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

Lab Sample ID: MB 460-1041849/8
Matrix: Water
Analysis Batch: 1041849

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/06/25 11:06	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/06/25 11:06	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/06/25 11:06	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/06/25 11:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/06/25 11:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/06/25 11:06	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/06/25 11:06	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/06/25 11:06	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			06/06/25 11:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/06/25 11:06	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/06/25 11:06	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/06/25 11:06	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/06/25 11:06	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/06/25 11:06	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/06/25 11:06	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/06/25 11:06	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/06/25 11:06	1
Styrene	1.0	U	1.0	0.42	ug/L			06/06/25 11:06	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/06/25 11:06	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/06/25 11:06	1
Toluene	1.0	U	1.0	0.38	ug/L			06/06/25 11:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/06/25 11:06	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/06/25 11:06	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/06/25 11:06	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/06/25 11:06	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/06/25 11:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/06/25 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*06/06/25 11:06*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*06/06/25 11:06*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*06/06/25 11:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/06/25 11:06*	*1*

Lab Sample ID: LCS 460-1041849/3
Matrix: Water
Analysis Batch: 1041849

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	20.0	19.9		ug/L		99	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.5		ug/L		108	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.5		ug/L		103	65 - 142
1,1,2-Trichloroethane	20.0	23.2		ug/L		116	74 - 125
1,1-Dichloroethane	20.0	18.0		ug/L		90	73 - 130
1,1-Dichloroethene	20.0	13.6		ug/L		68	68 - 133
1,2,3-Trichlorobenzene	20.0	20.9		ug/L		105	55 - 150
1,2,4-Trichlorobenzene	20.0	20.8		ug/L		104	67 - 132
1,2,4-Trimethylbenzene	20.0	20.4		ug/L		102	75 - 125

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

Lab Sample ID: LCS 460-1041849/3
Matrix: Water
Analysis Batch: 1041849

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	20.0	23.2		ug/L		116	58 - 132
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,2-Dichloroethane	20.0	18.1		ug/L		90	66 - 129
1,2-Dichloropropane	20.0	22.0		ug/L		110	72 - 128
1,3,5-Trimethylbenzene	20.0	20.9		ug/L		104	75 - 125
1,3-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120
2-Butanone (MEK)	100	96.8		ug/L		97	65 - 142
2-Hexanone	100	120		ug/L		120	72 - 134
4-Methyl-2-pentanone (MIBK)	100	120		ug/L		120	77 - 130
Acetone	100	85.2		ug/L		85	60 - 133
Benzene	20.0	21.4		ug/L		107	71 - 126
Bromoform	20.0	27.5	*	ug/L		137	58 - 128
Bromomethane	20.0	14.9		ug/L		75	33 - 150
Carbon disulfide	20.0	25.8		ug/L		129	35 - 150
Carbon tetrachloride	20.0	20.0		ug/L		100	65 - 131
Chlorobenzene	20.0	22.2		ug/L		111	80 - 120
Chlorobromomethane	20.0	19.3		ug/L		96	71 - 134
Chlorodibromomethane	20.0	23.4		ug/L		117	73 - 121
Chloroethane	20.0	19.7		ug/L		98	54 - 150
Chloroform	20.0	18.2		ug/L		91	78 - 125
Chloromethane	20.0	19.9		ug/L		99	43 - 149
cis-1,2-Dichloroethene	20.0	16.0		ug/L		80	78 - 121
cis-1,3-Dichloropropene	20.0	26.2	*	ug/L		131	74 - 125
Cyclohexane	20.0	22.9		ug/L		114	64 - 142
Dichlorobromomethane	20.0	21.9		ug/L		110	76 - 121
Dichlorodifluoromethane	20.0	19.7		ug/L		98	38 - 144
Ethylbenzene	20.0	21.9		ug/L		110	78 - 120
Ethylene Dibromide	20.0	22.1		ug/L		110	79 - 126
Isopropylbenzene	20.0	21.2		ug/L		106	79 - 125
Methyl acetate	40.0	21.1		ug/L		53	50 - 147
Methyl tert-butyl ether	20.0	22.6		ug/L		113	72 - 131
Methylcyclohexane	20.0	23.0		ug/L		115	63 - 138
Methylene Chloride	20.0	20.3		ug/L		101	74 - 127
m-Xylene & p-Xylene	20.0	21.9		ug/L		109	78 - 120
n-Butylbenzene	20.0	20.0		ug/L		100	69 - 135
N-Propylbenzene	20.0	21.4		ug/L		107	68 - 129
o-Xylene	20.0	21.9		ug/L		110	78 - 120
sec-Butylbenzene	20.0	20.7		ug/L		103	77 - 129
Styrene	20.0	21.6		ug/L		108	82 - 127
tert-Butylbenzene	20.0	20.2		ug/L		101	78 - 120
Tetrachloroethene	20.0	21.8		ug/L		109	70 - 127
Toluene	20.0	19.7		ug/L		99	78 - 120
trans-1,2-Dichloroethene	20.0	16.3		ug/L		81	70 - 126
trans-1,3-Dichloropropene	20.0	26.5	*	ug/L		132	71 - 127
Trichloroethene	20.0	20.1		ug/L		100	73 - 121
Trichlorofluoromethane	20.0	17.4		ug/L		87	62 - 134
Vinyl chloride	20.0	19.8		ug/L		99	55 - 144
Xylenes, Total	40.0	43.8		ug/L		109	80 - 120

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 128
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	86		77 - 132
Toluene-d8 (Surr)	105		80 - 120

Lab Sample ID: LCSD 460-1041849/4
Matrix: Water
Analysis Batch: 1041849

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			20.0	20.2		ug/L		101	72 - 128	1	30
1,1,2,2-Tetrachloroethane			20.0	21.0		ug/L		105	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	19.8		ug/L		99	65 - 142	4	30
1,1,2-Trichloroethane			20.0	21.7		ug/L		108	74 - 125	7	30
1,1-Dichloroethane			20.0	18.7		ug/L		93	73 - 130	4	30
1,1-Dichloroethene			20.0	14.8		ug/L		74	68 - 133	9	30
1,2,3-Trichlorobenzene			20.0	19.3		ug/L		97	55 - 150	8	30
1,2,4-Trichlorobenzene			20.0	20.9		ug/L		104	67 - 132	0	30
1,2,4-Trimethylbenzene			20.0	19.9		ug/L		100	75 - 125	2	30
1,2-Dibromo-3-Chloropropane			20.0	22.8		ug/L		114	58 - 132	2	30
1,2-Dichlorobenzene			20.0	19.9		ug/L		99	80 - 120	4	30
1,2-Dichloroethane			20.0	18.2		ug/L		91	66 - 129	1	30
1,2-Dichloropropane			20.0	21.4		ug/L		107	72 - 128	3	30
1,3,5-Trimethylbenzene			20.0	20.6		ug/L		103	75 - 125	1	30
1,3-Dichlorobenzene			20.0	19.8		ug/L		99	80 - 120	2	30
1,4-Dichlorobenzene			20.0	19.2		ug/L		96	80 - 120	6	30
2-Butanone (MEK)			100	88.7		ug/L		89	65 - 142	9	30
2-Hexanone			100	108		ug/L		108	72 - 134	10	30
4-Methyl-2-pentanone (MIBK)			100	111		ug/L		111	77 - 130	8	30
Acetone			100	75.7		ug/L		76	60 - 133	12	30
Benzene			20.0	20.5		ug/L		103	71 - 126	4	30
Bromoform			20.0	27.4	*	ug/L		137	58 - 128	0	30
Bromomethane			20.0	14.2		ug/L		71	33 - 150	5	30
Carbon disulfide			20.0	24.5		ug/L		122	35 - 150	5	30
Carbon tetrachloride			20.0	20.6		ug/L		103	65 - 131	3	30
Chlorobenzene			20.0	20.6		ug/L		103	80 - 120	7	30
Chlorobromomethane			20.0	19.4		ug/L		97	71 - 134	0	30
Chlorodibromomethane			20.0	22.6		ug/L		113	73 - 121	4	30
Chloroethane			20.0	18.6		ug/L		93	54 - 150	6	30
Chloroform			20.0	18.3		ug/L		92	78 - 125	1	30
Chloromethane			20.0	19.9		ug/L		100	43 - 149	0	30
cis-1,2-Dichloroethene			20.0	16.7		ug/L		83	78 - 121	4	30
cis-1,3-Dichloropropene			20.0	25.0		ug/L		125	74 - 125	5	30
Cyclohexane			20.0	21.8		ug/L		109	64 - 142	5	30
Dichlorobromomethane			20.0	21.0		ug/L		105	76 - 121	4	30
Dichlorodifluoromethane			20.0	19.1		ug/L		95	38 - 144	3	30
Ethylbenzene			20.0	21.0		ug/L		105	78 - 120	5	30
Ethylene Dibromide			20.0	20.7		ug/L		104	79 - 126	6	30
Isopropylbenzene			20.0	20.3		ug/L		101	79 - 125	4	30
Methyl acetate			40.0	23.3		ug/L		58	50 - 147	10	30
Methyl tert-butyl ether			20.0	21.7		ug/L		108	72 - 131	4	30

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

Lab Sample ID: LCSD 460-1041849/4
Matrix: Water
Analysis Batch: 1041849

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
Methylcyclohexane			20.0	21.8		ug/L		109	63 - 138	6	30
Methylene Chloride			20.0	19.8		ug/L		99	74 - 127	2	30
m-Xylene & p-Xylene			20.0	20.6		ug/L		103	78 - 120	6	30
n-Butylbenzene			20.0	19.6		ug/L		98	69 - 135	2	30
N-Propylbenzene			20.0	20.3		ug/L		101	68 - 129	5	30
o-Xylene			20.0	21.3		ug/L		106	78 - 120	3	30
sec-Butylbenzene			20.0	19.9		ug/L		100	77 - 129	4	30
Styrene			20.0	20.8		ug/L		104	82 - 127	4	30
tert-Butylbenzene			20.0	19.9		ug/L		99	78 - 120	2	30
Tetrachloroethene			20.0	20.7		ug/L		103	70 - 127	5	30
Toluene			20.0	19.0		ug/L		95	78 - 120	4	30
trans-1,2-Dichloroethene			20.0	16.9		ug/L		85	70 - 126	4	30
trans-1,3-Dichloropropene			20.0	26.1	*	ug/L		131	71 - 127	1	30
Trichloroethene			20.0	19.4		ug/L		97	73 - 121	3	30
Trichlorofluoromethane			20.0	17.3		ug/L		86	62 - 134	1	30
Vinyl chloride			20.0	19.8		ug/L		99	55 - 144	0	30
Xylenes, Total			40.0	41.8		ug/L		105	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
4-Bromofluorobenzene	*107*		*76 - 120*
Dibromofluoromethane (Surr)	*92*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: MB 460-1041313/1-A
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041313

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		06/03/25 20:50	06/04/25 07:04	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		06/03/25 20:50	06/04/25 07:04	1

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

Lab Sample ID: MB 460-1041313/1-A
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		06/03/25 20:50	06/04/25 07:04	1

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

Lab Sample ID: MB 460-1041313/1-A
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.33	U	0.33	0.012	mg/Kg		06/03/25 20:50	06/04/25 07:04	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		06/03/25 20:50	06/04/25 07:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 137*	*06/03/25 20:50*	*06/04/25 07:04*	*1*
2-Fluorobiphenyl	*73*		*33 - 117*	*06/03/25 20:50*	*06/04/25 07:04*	*1*
2-Fluorophenol (Surr)	*74*		*24 - 120*	*06/03/25 20:50*	*06/04/25 07:04*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*	*06/03/25 20:50*	*06/04/25 07:04*	*1*
Phenol-d5 (Surr)	*73*		*28 - 118*	*06/03/25 20:50*	*06/04/25 07:04*	*1*
Terphenyl-d14 (Surr)	*76*		*33 - 124*	*06/03/25 20:50*	*06/04/25 07:04*	*1*

Lab Sample ID: LCS 460-1041313/2-A
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.01		mg/Kg		90	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	3.09		mg/Kg		93	60 - 120
1,4-Dioxane	3.33	2.77		mg/Kg		83	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.76		mg/Kg		83	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.27		mg/Kg		98	62 - 120
2,4,5-Trichlorophenol	3.33	3.13		mg/Kg		94	64 - 120
2,4,6-Trichlorophenol	3.33	3.18		mg/Kg		95	65 - 120
2,4-Dichlorophenol	3.33	3.32		mg/Kg		100	66 - 120
2,4-Dimethylphenol	3.33	3.18		mg/Kg		95	75 - 136
2,4-Dinitrophenol	6.67	6.90		mg/Kg		104	41 - 120
2,4-Dinitrotoluene	3.33	3.32		mg/Kg		100	65 - 124
2,6-Dinitrotoluene	3.33	3.23		mg/Kg		97	67 - 121
2-Chloronaphthalene	3.33	3.00		mg/Kg		90	64 - 120
2-Chlorophenol	3.33	3.12		mg/Kg		93	63 - 120
2-Methylnaphthalene	3.33	3.20		mg/Kg		96	56 - 102
2-Methylphenol	3.33	3.12		mg/Kg		94	63 - 120
2-Nitroaniline	3.33	2.94		mg/Kg		88	52 - 120
2-Nitrophenol	3.33	3.25		mg/Kg		97	64 - 120
3 & 4 Methylphenol	3.33	3.11		mg/Kg		93	61 - 120
3,3'-Dichlorobenzidine	3.33	2.40		mg/Kg		72	10 - 106
3-Nitroaniline	3.33	2.62		mg/Kg		79	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.10		mg/Kg		107	61 - 127
4-Bromophenyl phenyl ether	3.33	3.24		mg/Kg		97	64 - 120
4-Chloro-3-methylphenol	3.33	3.30		mg/Kg		99	68 - 120
4-Chloroaniline	3.33	2.80		mg/Kg		84	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.18		mg/Kg		95	62 - 120
4-Methylphenol	3.33	3.11		mg/Kg		93	61 - 120
4-Nitroaniline	3.33	3.14		mg/Kg		94	51 - 112
4-Nitrophenol	6.67	6.26		mg/Kg		94	52 - 122
Acenaphthene	3.33	3.05		mg/Kg		91	65 - 120
Acenaphthylene	3.33	3.04		mg/Kg		91	68 - 120
Acetophenone	3.33	2.74		mg/Kg		82	61 - 111

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

Lab Sample ID: LCS 460-1041313/2-A
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	3.33	3.14		mg/Kg		94	67 - 120
Atrazine	1.33	2.01	*	mg/Kg		151	52 - 150
Benzaldehyde	1.33	1.72		mg/Kg		129	45 - 150
Benzo[a]anthracene	3.33	3.21		mg/Kg		96	66 - 120
Benzo[a]pyrene	3.33	3.28		mg/Kg		98	69 - 123
Benzo[b]fluoranthene	3.33	3.16		mg/Kg		95	66 - 125
Benzo[g,h,i]perylene	3.33	3.25		mg/Kg		98	66 - 138
Benzo[k]fluoranthene	3.33	3.21		mg/Kg		96	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.05		mg/Kg		92	62 - 120
Bis(2-chloroethyl)ether	3.33	2.97		mg/Kg		89	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.26		mg/Kg		98	64 - 125
Butyl benzyl phthalate	3.33	3.25		mg/Kg		98	62 - 127
Caprolactam	1.33	1.97		mg/Kg		148	46 - 150
Carbazole	3.33	3.17		mg/Kg		95	64 - 120
Chrysene	3.33	3.16		mg/Kg		95	67 - 120
Dibenz(a,h)anthracene	3.33	3.36		mg/Kg		101	66 - 128
Dibenzofuran	3.33	3.08		mg/Kg		92	61 - 120
Diethyl phthalate	3.33	3.15		mg/Kg		95	63 - 120
Dimethyl phthalate	3.33	3.10		mg/Kg		93	65 - 120
Di-n-butyl phthalate	3.33	3.32		mg/Kg		99	61 - 120
Di-n-octyl phthalate	3.33	3.22		mg/Kg		97	61 - 123
Fluoranthene	3.33	3.20		mg/Kg		96	61 - 120
Fluorene	3.33	3.14		mg/Kg		94	64 - 120
Hexachlorobenzene	3.33	3.24		mg/Kg		97	66 - 120
Hexachlorobutadiene	3.33	3.17		mg/Kg		95	62 - 120
Hexachlorocyclopentadiene	3.33	2.94		mg/Kg		88	32 - 150
Hexachloroethane	3.33	3.04		mg/Kg		91	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.37		mg/Kg		101	63 - 137
Isophorone	3.33	3.02		mg/Kg		91	61 - 120
Naphthalene	3.33	3.13		mg/Kg		94	63 - 113
Nitrobenzene	3.33	3.10		mg/Kg		93	63 - 120
N-Nitrosodi-n-propylamine	3.33	3.03		mg/Kg		91	60 - 120
N-Nitrosodiphenylamine	3.33	3.12		mg/Kg		94	63 - 120
Pentachlorophenol	6.67	6.77		mg/Kg		102	61 - 126
Phenanthrene	3.33	3.14		mg/Kg		94	66 - 120
Phenol	3.33	3.05		mg/Kg		92	63 - 120
Pyrene	3.33	3.16		mg/Kg		95	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*18 - 137*
2-Fluorobiphenyl	*85*		*33 - 117*
2-Fluorophenol (Surr)	*85*		*24 - 120*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*
Phenol-d5 (Surr)	*84*		*28 - 118*
Terphenyl-d14 (Surr)	*90*		*33 - 124*

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

Lab Sample ID: LCSD 460-1041313/3-A
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1041313

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.57		mg/Kg		77	64 - 120	16	30
1,2,4,5-Tetrachlorobenzene			3.33	2.60		mg/Kg		78	60 - 120	17	30
1,4-Dioxane			3.33	2.33		mg/Kg		70	31 - 105	17	30
2,2'-oxybis[1-chloropropane]			3.33	2.29		mg/Kg		69	50 - 126	18	30
2,3,4,6-Tetrachlorophenol			3.33	2.76		mg/Kg		83	62 - 120	17	30
2,4,5-Trichlorophenol			3.33	2.64		mg/Kg		79	64 - 120	17	30
2,4,6-Trichlorophenol			3.33	2.65		mg/Kg		80	65 - 120	18	30
2,4-Dichlorophenol			3.33	2.79		mg/Kg		84	66 - 120	17	30
2,4-Dimethylphenol			3.33	2.67		mg/Kg		80	75 - 136	17	30
2,4-Dinitrophenol			6.67	5.84		mg/Kg		88	41 - 120	17	30
2,4-Dinitrotoluene			3.33	2.79		mg/Kg		84	65 - 124	17	30
2,6-Dinitrotoluene			3.33	2.73		mg/Kg		82	67 - 121	17	30
2-Chloronaphthalene			3.33	2.56		mg/Kg		77	64 - 120	16	30
2-Chlorophenol			3.33	2.63		mg/Kg		79	63 - 120	17	30
2-Methylnaphthalene			3.33	2.67		mg/Kg		80	56 - 102	18	30
2-Methylphenol			3.33	2.62		mg/Kg		79	63 - 120	17	30
2-Nitroaniline			3.33	2.53		mg/Kg		76	52 - 120	15	30
2-Nitrophenol			3.33	2.70		mg/Kg		81	64 - 120	18	30
3 & 4 Methylphenol			3.33	2.66		mg/Kg		80	61 - 120	16	30
3,3'-Dichlorobenzidine			3.33	2.09		mg/Kg		63	10 - 106	14	30
3-Nitroaniline			3.33	2.23		mg/Kg		67	18 - 105	16	30
4,6-Dinitro-2-methylphenol			6.67	5.98		mg/Kg		90	61 - 127	17	30
4-Bromophenyl phenyl ether			3.33	2.76		mg/Kg		83	64 - 120	16	30
4-Chloro-3-methylphenol			3.33	2.74		mg/Kg		82	68 - 120	19	30
4-Chloroaniline			3.33	2.35		mg/Kg		70	10 - 107	18	30
4-Chlorophenyl phenyl ether			3.33	2.71		mg/Kg		81	62 - 120	16	30
4-Methylphenol			3.33	2.66		mg/Kg		80	61 - 120	16	30
4-Nitroaniline			3.33	2.57		mg/Kg		77	51 - 112	20	30
4-Nitrophenol			6.67	5.29		mg/Kg		79	52 - 122	17	30
Acenaphthene			3.33	2.60		mg/Kg		78	65 - 120	16	30
Acenaphthylene			3.33	2.57		mg/Kg		77	68 - 120	17	30
Acetophenone			3.33	2.33		mg/Kg		70	61 - 111	16	30
Anthracene			3.33	2.69		mg/Kg		81	67 - 120	16	30
Atrazine			1.33	1.89		mg/Kg		141	52 - 150	6	30
Benzaldehyde			1.33	1.64		mg/Kg		123	45 - 150	5	30
Benzo[a]anthracene			3.33	2.72		mg/Kg		82	66 - 120	16	30
Benzo[a]pyrene			3.33	2.75		mg/Kg		83	69 - 123	17	30
Benzo[b]fluoranthene			3.33	2.67		mg/Kg		80	66 - 125	17	30
Benzo[g,h,i]perylene			3.33	2.74		mg/Kg		82	66 - 138	17	30
Benzo[k]fluoranthene			3.33	2.71		mg/Kg		81	67 - 122	17	30
Bis(2-chloroethoxy)methane			3.33	2.56		mg/Kg		77	62 - 120	18	30
Bis(2-chloroethyl)ether			3.33	2.45		mg/Kg		74	60 - 120	19	30
Bis(2-ethylhexyl) phthalate			3.33	2.77		mg/Kg		83	64 - 125	16	30
Butyl benzyl phthalate			3.33	2.71		mg/Kg		81	62 - 127	18	30
Caprolactam			1.33	1.84		mg/Kg		138	46 - 150	7	30
Carbazole			3.33	2.69		mg/Kg		81	64 - 120	16	30
Chrysene			3.33	2.68		mg/Kg		80	67 - 120	16	30
Dibenz(a,h)anthracene			3.33	2.81		mg/Kg		84	66 - 128	18	30

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

Lab Sample ID: LCSD 460-1041313/3-A
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1041313

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenzofuran			3.33	2.60		mg/Kg		78	61 - 120	17	30
Diethyl phthalate			3.33	2.68		mg/Kg		80	63 - 120	16	30
Dimethyl phthalate			3.33	2.66		mg/Kg		80	65 - 120	15	30
Di-n-butyl phthalate			3.33	2.83		mg/Kg		85	61 - 120	16	30
Di-n-octyl phthalate			3.33	2.72		mg/Kg		82	61 - 123	17	30
Fluoranthene			3.33	2.76		mg/Kg		83	61 - 120	15	30
Fluorene			3.33	2.66		mg/Kg		80	64 - 120	16	30
Hexachlorobenzene			3.33	2.75		mg/Kg		82	66 - 120	16	30
Hexachlorobutadiene			3.33	2.61		mg/Kg		78	62 - 120	19	30
Hexachlorocyclopentadiene			3.33	2.51		mg/Kg		75	32 - 150	16	30
Hexachloroethane			3.33	2.48		mg/Kg		74	61 - 112	20	30
Indeno[1,2,3-cd]pyrene			3.33	2.77		mg/Kg		83	63 - 137	19	30
Isophorone			3.33	2.57		mg/Kg		77	61 - 120	16	30
Naphthalene			3.33	2.60		mg/Kg		78	63 - 113	18	30
Nitrobenzene			3.33	2.57		mg/Kg		77	63 - 120	19	30
N-Nitrosodi-n-propylamine			3.33	2.54		mg/Kg		76	60 - 120	17	30
N-Nitrosodiphenylamine			3.33	2.62		mg/Kg		79	63 - 120	17	30
Pentachlorophenol			6.67	5.78		mg/Kg		87	61 - 126	16	30
Phenanthrene			3.33	2.65		mg/Kg		80	66 - 120	17	30
Phenol			3.33	2.53		mg/Kg		76	63 - 120	19	30
Pyrene			3.33	2.70		mg/Kg		81	61 - 121	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 137*
2-Fluorobiphenyl	*71*		*33 - 117*
2-Fluorophenol (Surr)	*70*		*24 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d5 (Surr)	*71*		*28 - 118*
Terphenyl-d14 (Surr)	*75*		*33 - 124*

Lab Sample ID: 460-327425-E-1-C MS
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.35	U	3.51	2.68		mg/Kg	☼	76	64 - 120
1,2,4,5-Tetrachlorobenzene	0.35	U	3.51	2.70		mg/Kg	☼	77	60 - 120
1,4-Dioxane	0.035	U	3.51	2.12		mg/Kg	☼	60	31 - 105
2,2'-oxybis[1-chloropropane]	0.35	U	3.51	2.47		mg/Kg	☼	70	50 - 126
2,3,4,6-Tetrachlorophenol	0.35	U	3.51	2.77		mg/Kg	☼	79	62 - 120
2,4,5-Trichlorophenol	0.35	U	3.51	2.77		mg/Kg	☼	79	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.51	2.77		mg/Kg	☼	79	65 - 120
2,4-Dichlorophenol	0.14	U	3.51	2.94		mg/Kg	☼	84	66 - 120
2,4-Dimethylphenol	0.35	U	3.51	2.80		mg/Kg	☼	80	75 - 136
2,4-Dinitrophenol	0.28	U	7.02	3.60		mg/Kg	☼	51	41 - 120
2,4-Dinitrotoluene	0.071	U	3.51	2.88		mg/Kg	☼	82	65 - 124
2,6-Dinitrotoluene	0.071	U	3.51	2.85		mg/Kg	☼	81	67 - 121
2-Chloronaphthalene	0.35	U	3.51	2.68		mg/Kg	☼	76	64 - 120

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

Lab Sample ID: 460-327425-E-1-C MS
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	0.35	U	3.51	2.84		mg/Kg	☼	81	63 - 120
2-Methylnaphthalene	0.35	U	3.51	2.86		mg/Kg	☼	81	56 - 102
2-Methylphenol	0.35	U	3.51	2.85		mg/Kg	☼	81	63 - 120
2-Nitroaniline	0.35	U	3.51	2.58		mg/Kg	☼	73	52 - 120
2-Nitrophenol	0.35	U	3.51	2.88		mg/Kg	☼	82	64 - 120
3 & 4 Methylphenol	0.35	U	3.51	2.87		mg/Kg	☼	82	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.51	2.00		mg/Kg	☼	57	10 - 106
3-Nitroaniline	0.35	U	3.51	1.82		mg/Kg	☼	52	18 - 105
4,6-Dinitro-2-methylphenol	0.28	U	7.02	4.36		mg/Kg	☼	62	61 - 127
4-Bromophenyl phenyl ether	0.35	U	3.51	2.98		mg/Kg	☼	85	64 - 120
4-Chloro-3-methylphenol	0.35	U	3.51	2.91		mg/Kg	☼	83	68 - 120
4-Chloroaniline	0.35	U	3.51	1.21		mg/Kg	☼	34	10 - 107
4-Chlorophenyl phenyl ether	0.35	U	3.51	2.86		mg/Kg	☼	81	62 - 120
4-Methylphenol	0.35	U	3.51	2.87		mg/Kg	☼	82	61 - 120
4-Nitroaniline	0.35	U	3.51	2.37		mg/Kg	☼	67	51 - 112
4-Nitrophenol	0.71	U	7.02	5.35		mg/Kg	☼	76	52 - 122
Acenaphthene	0.35	U	3.51	2.68		mg/Kg	☼	76	65 - 120
Acenaphthylene	0.011	J	3.51	2.71		mg/Kg	☼	77	68 - 120
Acetophenone	0.35	U	3.51	2.50		mg/Kg	☼	71	61 - 111
Anthracene	0.35	U	3.51	2.82		mg/Kg	☼	80	67 - 120
Atrazine	0.14	U *	1.40	2.13	*	mg/Kg	☼	152	52 - 150
Benzaldehyde	0.35	U	1.40	1.75	E	mg/Kg	☼	125	45 - 150
Benzo[a]anthracene	0.026	J	3.51	2.86		mg/Kg	☼	81	66 - 120
Benzo[a]pyrene	0.034	J	3.51	2.89		mg/Kg	☼	81	69 - 123
Benzo[b]fluoranthene	0.032	J	3.51	2.85		mg/Kg	☼	80	66 - 125
Benzo[g,h,i]perylene	0.029	J	3.51	2.52		mg/Kg	☼	71	66 - 138
Benzo[k]fluoranthene	0.011	J	3.51	2.77		mg/Kg	☼	79	67 - 122
Bis(2-chloroethoxy)methane	0.35	U	3.51	2.70		mg/Kg	☼	77	62 - 120
Bis(2-chloroethyl)ether	0.035	U	3.51	2.64		mg/Kg	☼	75	60 - 120
Bis(2-ethylhexyl) phthalate	0.35	U	3.51	2.99		mg/Kg	☼	85	64 - 125
Butyl benzyl phthalate	0.35	U	3.51	2.97		mg/Kg	☼	85	62 - 127
Caprolactam	0.35	U	1.40	1.98		mg/Kg	☼	141	46 - 150
Carbazole	0.35	U	3.51	2.80		mg/Kg	☼	80	64 - 120
Chrysene	0.024	J	3.51	2.79		mg/Kg	☼	79	67 - 120
Dibenz(a,h)anthracene	0.035	U	3.51	2.66		mg/Kg	☼	76	66 - 128
Dibenzofuran	0.35	U	3.51	2.74		mg/Kg	☼	78	61 - 120
Diethyl phthalate	0.35	U	3.51	2.77		mg/Kg	☼	79	63 - 120
Dimethyl phthalate	0.35	U	3.51	2.79		mg/Kg	☼	79	65 - 120
Di-n-butyl phthalate	0.35	U	3.51	3.01		mg/Kg	☼	86	61 - 120
Di-n-octyl phthalate	0.35	U	3.51	2.87		mg/Kg	☼	82	61 - 123
Fluoranthene	0.027	J	3.51	2.83		mg/Kg	☼	80	61 - 120
Fluorene	0.35	U	3.51	2.72		mg/Kg	☼	77	64 - 120
Hexachlorobenzene	0.035	U	3.51	2.91		mg/Kg	☼	83	66 - 120
Hexachlorobutadiene	0.071	U	3.51	2.78		mg/Kg	☼	79	62 - 120
Hexachlorocyclopentadiene	0.35	U	3.51	1.88		mg/Kg	☼	53	32 - 150
Hexachloroethane	0.035	U	3.51	2.64		mg/Kg	☼	75	61 - 112
Indeno[1,2,3-cd]pyrene	0.025	J	3.51	2.62		mg/Kg	☼	74	63 - 137
Isophorone	0.14	U	3.51	2.64		mg/Kg	☼	75	61 - 120
Naphthalene	0.0071	J	3.51	2.79		mg/Kg	☼	79	63 - 113

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

Lab Sample ID: 460-327425-E-1-C MS
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	0.035	U	3.51	2.80		mg/Kg	☼	80	63 - 120
N-Nitrosodi-n-propylamine	0.035	U	3.51	2.73		mg/Kg	☼	78	60 - 120
N-Nitrosodiphenylamine	0.35	U	3.51	2.88		mg/Kg	☼	82	63 - 120
Pentachlorophenol	0.28	U	7.02	5.74		mg/Kg	☼	82	61 - 126
Phenanthrene	0.35	U	3.51	2.82		mg/Kg	☼	80	66 - 120
Phenol	0.35	U	3.51	2.77		mg/Kg	☼	79	63 - 120
Pyrene	0.041	J	3.51	2.89		mg/Kg	☼	81	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*70*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*
Phenol-d5 (Surr)	*72*		*28 - 118*
Terphenyl-d14 (Surr)	*74*		*33 - 124*

Lab Sample ID: 460-327425-E-1-D MSD
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.35	U	3.51	2.69		mg/Kg	☼	77	64 - 120	0	30
1,2,4,5-Tetrachlorobenzene	0.35	U	3.51	2.77		mg/Kg	☼	79	60 - 120	2	30
1,4-Dioxane	0.035	U	3.51	2.13		mg/Kg	☼	61	31 - 105	0	30
2,2'-oxybis[1-chloropropane]	0.35	U	3.51	2.37		mg/Kg	☼	68	50 - 126	4	30
2,3,4,6-Tetrachlorophenol	0.35	U	3.51	2.75		mg/Kg	☼	78	62 - 120	1	30
2,4,5-Trichlorophenol	0.35	U	3.51	2.74		mg/Kg	☼	78	64 - 120	1	30
2,4,6-Trichlorophenol	0.14	U	3.51	2.81		mg/Kg	☼	80	65 - 120	2	30
2,4-Dichlorophenol	0.14	U	3.51	2.92		mg/Kg	☼	83	66 - 120	1	30
2,4-Dimethylphenol	0.35	U	3.51	2.78		mg/Kg	☼	79	75 - 136	1	30
2,4-Dinitrophenol	0.28	U	7.02	4.03		mg/Kg	☼	57	41 - 120	11	30
2,4-Dinitrotoluene	0.071	U	3.51	2.85		mg/Kg	☼	81	65 - 124	1	30
2,6-Dinitrotoluene	0.071	U	3.51	2.84		mg/Kg	☼	81	67 - 121	0	30
2-Chloronaphthalene	0.35	U	3.51	2.69		mg/Kg	☼	77	64 - 120	1	30
2-Chlorophenol	0.35	U	3.51	2.73		mg/Kg	☼	78	63 - 120	4	30
2-Methylnaphthalene	0.35	U	3.51	2.79		mg/Kg	☼	79	56 - 102	3	30
2-Methylphenol	0.35	U	3.51	2.72		mg/Kg	☼	78	63 - 120	4	30
2-Nitroaniline	0.35	U	3.51	2.57		mg/Kg	☼	73	52 - 120	0	30
2-Nitrophenol	0.35	U	3.51	2.81		mg/Kg	☼	80	64 - 120	2	30
3 & 4 Methylphenol	0.35	U	3.51	2.74		mg/Kg	☼	78	61 - 120	4	30
3,3'-Dichlorobenzidine	0.14	U	3.51	1.96		mg/Kg	☼	56	10 - 106	2	30
3-Nitroaniline	0.35	U	3.51	1.86		mg/Kg	☼	53	18 - 105	2	30
4,6-Dinitro-2-methylphenol	0.28	U	7.02	4.82		mg/Kg	☼	69	61 - 127	10	30
4-Bromophenyl phenyl ether	0.35	U	3.51	2.95		mg/Kg	☼	84	64 - 120	1	30
4-Chloro-3-methylphenol	0.35	U	3.51	2.82		mg/Kg	☼	80	68 - 120	3	30
4-Chloroaniline	0.35	U	3.51	1.31		mg/Kg	☼	37	10 - 107	8	30
4-Chlorophenyl phenyl ether	0.35	U	3.51	2.80		mg/Kg	☼	80	62 - 120	2	30
4-Methylphenol	0.35	U	3.51	2.74		mg/Kg	☼	78	61 - 120	4	30

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

Lab Sample ID: 460-327425-E-1-D MSD
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1041313

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline	0.35	U	3.51	2.38		mg/Kg	☼	68	51 - 112	0	30
4-Nitrophenol	0.71	U	7.02	5.31		mg/Kg	☼	76	52 - 122	1	30
Acenaphthene	0.35	U	3.51	2.67		mg/Kg	☼	76	65 - 120	0	30
Acenaphthylene	0.011	J	3.51	2.70		mg/Kg	☼	76	68 - 120	0	30
Acetophenone	0.35	U	3.51	2.44		mg/Kg	☼	69	61 - 111	3	30
Anthracene	0.35	U	3.51	2.82		mg/Kg	☼	80	67 - 120	0	30
Atrazine	0.14	U *	1.40	1.50	*	mg/Kg	☼	107	52 - 150	35	30
Benzaldehyde	0.35	U	1.40	1.20	E *	mg/Kg	☼	86	45 - 150	37	30
Benzo[a]anthracene	0.026	J	3.51	2.88		mg/Kg	☼	82	66 - 120	1	30
Benzo[a]pyrene	0.034	J	3.51	2.94		mg/Kg	☼	83	69 - 123	1	30
Benzo[b]fluoranthene	0.032	J	3.51	2.85		mg/Kg	☼	80	66 - 125	0	30
Benzo[g,h,i]perylene	0.029	J	3.51	2.67		mg/Kg	☼	75	66 - 138	6	30
Benzo[k]fluoranthene	0.011	J	3.51	2.80		mg/Kg	☼	79	67 - 122	1	30
Bis(2-chloroethoxy)methane	0.35	U	3.51	2.67		mg/Kg	☼	76	62 - 120	1	30
Bis(2-chloroethyl)ether	0.035	U	3.51	2.59		mg/Kg	☼	74	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	0.35	U	3.51	3.03		mg/Kg	☼	86	64 - 125	1	30
Butyl benzyl phthalate	0.35	U	3.51	2.97		mg/Kg	☼	85	62 - 127	0	30
Caprolactam	0.35	U	1.40	1.35	*	mg/Kg	☼	96	46 - 150	38	30
Carbazole	0.35	U	3.51	2.79		mg/Kg	☼	79	64 - 120	0	30
Chrysene	0.024	J	3.51	2.82		mg/Kg	☼	80	67 - 120	1	30
Dibenz(a,h)anthracene	0.035	U	3.51	2.77		mg/Kg	☼	79	66 - 128	4	30
Dibenzofuran	0.35	U	3.51	2.71		mg/Kg	☼	77	61 - 120	1	30
Diethyl phthalate	0.35	U	3.51	2.77		mg/Kg	☼	79	63 - 120	0	30
Dimethyl phthalate	0.35	U	3.51	2.78		mg/Kg	☼	79	65 - 120	0	30
Di-n-butyl phthalate	0.35	U	3.51	3.05		mg/Kg	☼	87	61 - 120	1	30
Di-n-octyl phthalate	0.35	U	3.51	2.93		mg/Kg	☼	83	61 - 123	2	30
Fluoranthene	0.027	J	3.51	2.87		mg/Kg	☼	81	61 - 120	1	30
Fluorene	0.35	U	3.51	2.72		mg/Kg	☼	77	64 - 120	0	30
Hexachlorobenzene	0.035	U	3.51	2.88		mg/Kg	☼	82	66 - 120	1	30
Hexachlorobutadiene	0.071	U	3.51	2.82		mg/Kg	☼	80	62 - 120	1	30
Hexachlorocyclopentadiene	0.35	U	3.51	1.99		mg/Kg	☼	57	32 - 150	6	30
Hexachloroethane	0.035	U	3.51	2.62		mg/Kg	☼	75	61 - 112	1	30
Indeno[1,2,3-cd]pyrene	0.025	J	3.51	2.76		mg/Kg	☼	78	63 - 137	5	30
Isophorone	0.14	U	3.51	2.65		mg/Kg	☼	75	61 - 120	0	30
Naphthalene	0.0071	J	3.51	2.76		mg/Kg	☼	78	63 - 113	1	30
Nitrobenzene	0.035	U	3.51	2.68		mg/Kg	☼	76	63 - 120	4	30
N-Nitrosodi-n-propylamine	0.035	U	3.51	2.63		mg/Kg	☼	75	60 - 120	4	30
N-Nitrosodiphenylamine	0.35	U	3.51	2.83		mg/Kg	☼	81	63 - 120	2	30
Pentachlorophenol	0.28	U	7.02	5.80		mg/Kg	☼	83	61 - 126	1	30
Phenanthrene	0.35	U	3.51	2.83		mg/Kg	☼	81	66 - 120	0	30
Phenol	0.35	U	3.51	2.60		mg/Kg	☼	74	63 - 120	6	30
Pyrene	0.041	J	3.51	2.91		mg/Kg	☼	82	61 - 121	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 137*
2-Fluorobiphenyl	*72*		*33 - 117*
2-Fluorophenol (Surr)	*73*		*24 - 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*

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

Lab Sample ID: 460-327425-E-1-D MSD
Matrix: Solid
Analysis Batch: 1041346

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1041313

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Phenol-d5 (Surr)	*70*		*28 - 118*
Terphenyl-d14 (Surr)	*76*		*33 - 124*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1042063/1-A
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Antimony	1.0	U	1.0	0.15	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Barium	2.0	U	2.0	0.15	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Calcium	100	U	100	9.7	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Chromium	2.0	U	2.0	0.30	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Copper	2.0	U	2.0	0.37	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Iron	60.0	U	60.0	7.7	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Lead	0.60	U	0.60	0.20	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Magnesium	100	U	100	10.2	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Manganese	4.0	U	4.0	0.40	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Nickel	2.0	U	2.0	0.18	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Potassium	100	U	100	16.2	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Selenium	1.3	U	1.3	0.13	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Silver	0.40	U	0.40	0.089	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Sodium	100	U	100	45.7	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Thallium	0.40	U	0.40	0.041	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		06/06/25 20:35	06/07/25 13:00	1
Zinc	8.0	U	8.0	1.1	mg/Kg		06/06/25 20:35	06/07/25 13:00	1

Lab Sample ID: LCSSRM 460-1042063/2-A ^3
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5861		mg/Kg		85.7	53.2 - 146.2
Antimony	131	69.62		mg/Kg		53.1	4.5 - 195.4
Arsenic	192	186.7		mg/Kg		97.2	81.3 - 118.8
Barium	219	201.8		mg/Kg		92.1	81.7 - 118.3
Beryllium	146	138.8		mg/Kg		95.1	82.2 - 117.8
Cadmium	114	116.6		mg/Kg		102.3	81.7 - 118.4

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

Lab Sample ID: LCSSRM 460-1042063/2-A ^3
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	4080	4031		mg/Kg		98.8	82.4 - 117.6
Chromium	153	156.7		mg/Kg		102.4	81.0 - 119.0
Cobalt	231	242.6		mg/Kg		105.0	83.1 - 117.3
Copper	91.2	94.02		mg/Kg		103.1	83.1 - 117.3
Iron	7020	6042		mg/Kg		86.1	60.7 - 139.2
Lead	141	133.9		mg/Kg		94.9	81.6 - 118.4
Magnesium	1900	1800		mg/Kg		94.8	76.3 - 123.7
Manganese	401	390.9		mg/Kg		97.5	80.8 - 119.0
Nickel	143	154.9		mg/Kg		108.3	81.8 - 118.9
Potassium	1760	1548		mg/Kg		88.0	72.2 - 127.8
Selenium	94.7	94.72		mg/Kg		100.0	78.5 - 121.4
Silver	77.0	79.15		mg/Kg		102.8	79.4 - 120.6
Sodium	661	743.0		mg/Kg		112.4	73.7 - 126.2
Thallium	183	199.3		mg/Kg		108.9	80.3 - 119.7
Vanadium	159	154.1		mg/Kg		96.9	78.6 - 122.0
Zinc	292	294.3		mg/Kg		100.8	79.8 - 120.2

Lab Sample ID: 460-327510-E-2-L MS
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	14500		416	15670	4	mg/Kg	☼	274	75 - 125
Antimony	0.15	J	4.16	4.04		mg/Kg	☼	94	75 - 125
Arsenic	2.5		8.32	10.44		mg/Kg	☼	96	75 - 125
Barium	99.1		8.32	122.4	4	mg/Kg	☼	280	75 - 125
Beryllium	0.64		4.16	4.59		mg/Kg	☼	95	75 - 125
Cadmium	0.83	U	4.16	4.01		mg/Kg	☼	96	75 - 125
Calcium	20700		416	16910	4	mg/Kg	☼	-920	75 - 125
Chromium	28.4		8.32	42.92	N	mg/Kg	☼	174	75 - 125
Cobalt	11.5		4.16	17.16	N	mg/Kg	☼	136	75 - 125
Copper	29.2		8.32	35.89		mg/Kg	☼	80	75 - 125
Iron	24500		416	30230	4	mg/Kg	☼	1367	75 - 125
Lead	32.6		4.16	43.76	4	mg/Kg	☼	267	75 - 125
Magnesium	15900		416	14370	4	mg/Kg	☼	-371	75 - 125
Manganese	394		41.6	451.8	4	mg/Kg	☼	140	75 - 125
Nickel	21.4		8.32	32.98	N	mg/Kg	☼	139	75 - 125

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

Lab Sample ID: 460-327510-E-2-L MS
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	3660		416	5273	4	mg/Kg	☼	387	75 - 125
Selenium	0.20	J	8.32	8.18		mg/Kg	☼	96	75 - 125
Silver	0.33	U	4.16	4.10		mg/Kg	☼	98	75 - 125
Sodium	219		416	619.7		mg/Kg	☼	96	75 - 125
Thallium	0.23	J	3.33	3.56		mg/Kg	☼	100	75 - 125
Vanadium	42.8		8.32	60.21	4	mg/Kg	☼	209	75 - 125
Zinc	66.7		41.6	109.9		mg/Kg	☼	104	75 - 125

Lab Sample ID: 460-327510-E-2-M MSD
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	14500		426	15610	4	mg/Kg	☼	252	75 - 125	0	20
Antimony	0.15	J	4.26	4.18		mg/Kg	☼	95	75 - 125	4	20
Arsenic	2.5		8.52	10.83		mg/Kg	☼	98	75 - 125	4	20
Barium	99.1		8.52	102.8	4	mg/Kg	☼	43	75 - 125	17	20
Beryllium	0.64		4.26	4.64		mg/Kg	☼	94	75 - 125	1	20
Cadmium	0.83	U	4.26	4.12		mg/Kg	☼	97	75 - 125	3	20
Calcium	20700		426	23420	4 N	mg/Kg	☼	629	75 - 125	32	20
Chromium	28.4		8.52	36.50		mg/Kg	☼	94	75 - 125	16	20
Cobalt	11.5		4.26	16.76		mg/Kg	☼	124	75 - 125	2	20
Copper	29.2		8.52	37.83		mg/Kg	☼	101	75 - 125	5	20
Iron	24500		426	25080	4	mg/Kg	☼	128	75 - 125	19	20
Lead	32.6		4.26	36.40	4	mg/Kg	☼	88	75 - 125	18	20
Magnesium	15900		426	17220	4	mg/Kg	☼	307	75 - 125	18	20
Manganese	394		42.6	468.6	4	mg/Kg	☼	176	75 - 125	4	20
Nickel	21.4		8.52	31.98		mg/Kg	☼	124	75 - 125	3	20
Potassium	3660		426	3789	4 N	mg/Kg	☼	30	75 - 125	33	20
Selenium	0.20	J	8.52	8.45		mg/Kg	☼	97	75 - 125	3	20
Silver	0.33	U	4.26	4.18		mg/Kg	☼	98	75 - 125	2	20
Sodium	219		426	646.2		mg/Kg	☼	100	75 - 125	4	20
Thallium	0.23	J	3.41	3.57		mg/Kg	☼	98	75 - 125	0	20
Vanadium	42.8		8.52	50.60	4	mg/Kg	☼	92	75 - 125	17	20
Zinc	66.7		42.6	106.1		mg/Kg	☼	92	75 - 125	4	20

Lab Sample ID: 460-327510-E-2-K DU
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	14500		14850		mg/Kg	☼	2	20
Antimony	0.15	J	0.177	J	mg/Kg	☼	18	20
Arsenic	2.5		2.55		mg/Kg	☼	3	20
Barium	99.1		103.0		mg/Kg	☼	4	20
Beryllium	0.64		0.644		mg/Kg	☼	0.8	20
Cadmium	0.83	U	0.83	U	mg/Kg	☼	NC	20
Calcium	20700		20300		mg/Kg	☼	2	20
Chromium	28.4		30.92		mg/Kg	☼	8	20

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

Lab Sample ID: 460-327510-E-2-K DU
Matrix: Solid
Analysis Batch: 1042168

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1042063

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cobalt	11.5		12.97		mg/Kg	☼	12	20
Copper	29.2		30.06		mg/Kg	☼	3	20
Iron	24500		25360		mg/Kg	☼	3	20
Lead	32.6		38.77		mg/Kg	☼	17	20
Magnesium	15900		15880		mg/Kg	☼	0.2	20
Manganese	394		417.2		mg/Kg	☼	6	20
Nickel	21.4		22.37		mg/Kg	☼	4	20
Potassium	3660		3877		mg/Kg	☼	6	20
Selenium	0.20	J	0.187	J	mg/Kg	☼	8	20
Silver	0.33	U	0.33	U	mg/Kg	☼	NC	20
Sodium	219		213.0		mg/Kg	☼	3	20
Thallium	0.23	J	0.240	J	mg/Kg	☼	5	20
Vanadium	42.8		44.43		mg/Kg	☼	4	20
Zinc	66.7		67.24		mg/Kg	☼	0.7	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1041574/1-A
Matrix: Solid
Analysis Batch: 1041660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1041574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/05/25 01:28	06/05/25 06:17	1

Lab Sample ID: LCSSRM 460-1041574/2-A ^40
Matrix: Solid
Analysis Batch: 1041660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1041574

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	13.60		mg/Kg		96.5	69.6 - 130.5

Lab Sample ID: 460-326841-A-6-I MS
Matrix: Solid
Analysis Batch: 1041660

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1041574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.072		0.0840	0.177	N	mg/Kg	☼	125	80 - 120

Lab Sample ID: 460-326841-A-6-H DU
Matrix: Solid
Analysis Batch: 1041660

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1041574

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.072		0.0709		mg/Kg	☼	0.9	20

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Method: Moisture - Percent Moisture

Lab Sample ID: 620-26360-A-1 DU
Matrix: Solid
Analysis Batch: 1041270

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	14.2			7.7	*	%				59	20
Percent Solids	85.8			92.3		%				7	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

GC/MS VOA

Prep Batch: 1041217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	5035	
460-327422-2	HA-B01_2-4	Total/NA	Solid	5035	
460-327422-3	HA-B02_0-2	Total/NA	Solid	5035	
460-327422-4	HA-B02_2-4	Total/NA	Solid	5035	

Analysis Batch: 1041844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	8260D	1041217
460-327422-2	HA-B01_2-4	Total/NA	Solid	8260D	1041217
460-327422-3	HA-B02_0-2	Total/NA	Solid	8260D	1041217
460-327422-4	HA-B02_2-4	Total/NA	Solid	8260D	1041217
MB 460-1041844/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1041844/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1041844/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1041849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-5	HA-TW01	Total/NA	Water	8260D	
MB 460-1041849/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1041849/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1041849/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1041313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	3546	
460-327422-2	HA-B01_2-4	Total/NA	Solid	3546	
460-327422-3	HA-B02_0-2	Total/NA	Solid	3546	
460-327422-4	HA-B02_2-4	Total/NA	Solid	3546	
MB 460-1041313/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1041313/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1041313/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-327425-E-1-C MS	Matrix Spike	Total/NA	Solid	3546	
460-327425-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1041346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	8270E	1041313
460-327422-2	HA-B01_2-4	Total/NA	Solid	8270E	1041313
460-327422-3	HA-B02_0-2	Total/NA	Solid	8270E	1041313
460-327422-4	HA-B02_2-4	Total/NA	Solid	8270E	1041313
MB 460-1041313/1-A	Method Blank	Total/NA	Solid	8270E	1041313
LCS 460-1041313/2-A	Lab Control Sample	Total/NA	Solid	8270E	1041313
LCSD 460-1041313/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1041313
460-327425-E-1-C MS	Matrix Spike	Total/NA	Solid	8270E	1041313
460-327425-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1041313

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Metals

Prep Batch: 1041574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	7471B	
460-327422-2	HA-B01_2-4	Total/NA	Solid	7471B	
460-327422-3	HA-B02_0-2	Total/NA	Solid	7471B	
460-327422-4	HA-B02_2-4	Total/NA	Solid	7471B	
MB 460-1041574/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1041574/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-326841-A-6-I MS	Matrix Spike	Total/NA	Solid	7471B	
460-326841-A-6-H DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1041660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	7471B	1041574
460-327422-2	HA-B01_2-4	Total/NA	Solid	7471B	1041574
460-327422-3	HA-B02_0-2	Total/NA	Solid	7471B	1041574
460-327422-4	HA-B02_2-4	Total/NA	Solid	7471B	1041574
MB 460-1041574/1-A	Method Blank	Total/NA	Solid	7471B	1041574
LCSSRM 460-1041574/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1041574
460-326841-A-6-I MS	Matrix Spike	Total/NA	Solid	7471B	1041574
460-326841-A-6-H DU	Duplicate	Total/NA	Solid	7471B	1041574

Prep Batch: 1042063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	3050B	
460-327422-2	HA-B01_2-4	Total/NA	Solid	3050B	
460-327422-3	HA-B02_0-2	Total/NA	Solid	3050B	
460-327422-4	HA-B02_2-4	Total/NA	Solid	3050B	
MB 460-1042063/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1042063/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-327510-E-2-L MS	Matrix Spike	Total/NA	Solid	3050B	
460-327510-E-2-M MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-327510-E-2-K DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1042168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	6020B	1042063
460-327422-2	HA-B01_2-4	Total/NA	Solid	6020B	1042063
460-327422-3	HA-B02_0-2	Total/NA	Solid	6020B	1042063
460-327422-4	HA-B02_2-4	Total/NA	Solid	6020B	1042063
MB 460-1042063/1-A	Method Blank	Total/NA	Solid	6020B	1042063
LCSSRM 460-1042063/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1042063
460-327510-E-2-L MS	Matrix Spike	Total/NA	Solid	6020B	1042063
460-327510-E-2-M MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1042063
460-327510-E-2-K DU	Duplicate	Total/NA	Solid	6020B	1042063

General Chemistry

Analysis Batch: 1041270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-1	HA-B01_0-2	Total/NA	Solid	Moisture	
460-327422-2	HA-B01_2-4	Total/NA	Solid	Moisture	
460-327422-3	HA-B02_0-2	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 1041270 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-327422-4	HA-B02_2-4	Total/NA	Solid	Moisture	
620-26360-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Client Sample ID: HA-B01_0-2
Lab Sample ID: 460-327422-1
Date Collected: 06/02/25 08:30
Matrix: Solid
Date Received: 06/03/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1041270	CJC	EET EDI	06/03/25 16:55

Client Sample ID: HA-B01_0-2
Lab Sample ID: 460-327422-1
Date Collected: 06/02/25 08:30
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1041217	EMM	EET EDI	06/03/25 12:59
Total/NA	Analysis	8260D		1	1041844	AAT	EET EDI	06/06/25 08:54
Total/NA	Prep	3546			1041313	GXY	EET EDI	06/03/25 20:50
Total/NA	Analysis	8270E		1	1041346	DXD	EET EDI	06/04/25 10:03
Total/NA	Prep	3050B			1042063	GAE	EET EDI	06/06/25 20:35
Total/NA	Analysis	6020B		1	1042168	CDC	EET EDI	06/07/25 13:39
Total/NA	Prep	7471B			1041574	TJS	EET EDI	06/05/25 01:28
Total/NA	Analysis	7471B		1	1041660	TJS	EET EDI	06/05/25 08:06

Client Sample ID: HA-B01_2-4
Lab Sample ID: 460-327422-2
Date Collected: 06/02/25 08:40
Matrix: Solid
Date Received: 06/03/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1041270	CJC	EET EDI	06/03/25 16:55

Client Sample ID: HA-B01_2-4
Lab Sample ID: 460-327422-2
Date Collected: 06/02/25 08:40
Matrix: Solid
Date Received: 06/03/25 11:30
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1041217	EMM	EET EDI	06/03/25 12:59
Total/NA	Analysis	8260D		1	1041844	AAT	EET EDI	06/06/25 09:17
Total/NA	Prep	3546			1041313	GXY	EET EDI	06/03/25 20:50
Total/NA	Analysis	8270E		1	1041346	DXD	EET EDI	06/04/25 10:25
Total/NA	Prep	3050B			1042063	GAE	EET EDI	06/06/25 20:35
Total/NA	Analysis	6020B		1	1042168	CDC	EET EDI	06/07/25 13:41
Total/NA	Prep	7471B			1041574	TJS	EET EDI	06/05/25 01:28
Total/NA	Analysis	7471B		1	1041660	TJS	EET EDI	06/05/25 07:02

Client Sample ID: HA-B02_0-2
Lab Sample ID: 460-327422-3
Date Collected: 06/02/25 09:00
Matrix: Solid
Date Received: 06/03/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1041270	CJC	EET EDI	06/03/25 16:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

Client Sample ID: HA-B02_0-2

Date Collected: 06/02/25 09:00
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-3

Matrix: Solid
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1041217	EMM	EET EDI	06/03/25 12:59
Total/NA	Analysis	8260D		1	1041844	AAT	EET EDI	06/06/25 09:41
Total/NA	Prep	3546			1041313	GXY	EET EDI	06/03/25 20:50
Total/NA	Analysis	8270E		1	1041346	DXD	EET EDI	06/04/25 10:47
Total/NA	Prep	3050B			1042063	GAE	EET EDI	06/06/25 20:35
Total/NA	Analysis	6020B		1	1042168	CDC	EET EDI	06/07/25 13:44
Total/NA	Prep	7471B			1041574	TJS	EET EDI	06/05/25 01:28
Total/NA	Analysis	7471B		1	1041660	TJS	EET EDI	06/05/25 07:04

Client Sample ID: HA-B02_2-4

Date Collected: 06/02/25 09:10
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1041270	CJC	EET EDI	06/03/25 16:55

Client Sample ID: HA-B02_2-4

Date Collected: 06/02/25 09:10
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-4

Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1041217	EMM	EET EDI	06/03/25 12:59
Total/NA	Analysis	8260D		1	1041844	AAT	EET EDI	06/06/25 10:05
Total/NA	Prep	3546			1041313	GXY	EET EDI	06/03/25 20:50
Total/NA	Analysis	8270E		1	1041346	DXD	EET EDI	06/04/25 08:11
Total/NA	Prep	3050B			1042063	GAE	EET EDI	06/06/25 20:35
Total/NA	Analysis	6020B		1	1042168	CDC	EET EDI	06/07/25 13:47
Total/NA	Prep	7471B			1041574	TJS	EET EDI	06/05/25 01:28
Total/NA	Analysis	7471B		1	1041660	TJS	EET EDI	06/05/25 07:06

Client Sample ID: HA-TW01

Date Collected: 06/02/25 11:10
Date Received: 06/03/25 11:30

Lab Sample ID: 460-327422-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1041849	AAT	EET EDI	06/06/25 13:56

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: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

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	03-31-26

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
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Job ID: 460-327422-1

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
5030C	Purge and Trap	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.
Job ID: 460-327422-1
Project/Site: 122 Bruckner Boulevard, Bronx, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-327422-1	HA-B01_0-2	Solid	06/02/25 08:30	06/03/25 11:30
460-327422-2	HA-B01_2-4	Solid	06/02/25 08:40	06/03/25 11:30
460-327422-3	HA-B02_0-2	Solid	06/02/25 09:00	06/03/25 11:30
460-327422-4	HA-B02_2-4	Solid	06/02/25 09:10	06/03/25 11:30
460-327422-5	HA-TW01	Water	06/02/25 11:10	06/03/25 11:30

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

NYC 228

Chain of Custody Record

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Client Information	Sampler: S. Mestro	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-195430-127872.1
Client Contact: Mari Conlon	Phone:	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:			Job #: 727422
Address: 213 West 35th St	Due Date Requested:	Analysis Requested		Preservation Codes: MeOH None
City: New York	TAT Requested (days): 3 DAY TAT			
State, Zip: NY 10001	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 0213675-000-001-01			
Email: mconlon@haleyaldrich.com	WO #:			SHORT HOLD
Project Name: 122 Bruckner Boulevard, Bronx, NY	Project #: 46046796			Other
Site:	SSOW#:			

460-327422 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	6020B, 7471B, 8270E	Total Number of containers	Special Instructions/Note:
			Preservation Code:				F	N		
HA-B01_0-2	6/2/25	8:30	G	Solid			X	X		1
HA-B01_2-4	"	8:40	"	Solid			X	X		2
HA-B02_0-2	"	9:00	"	Solid			X	X		3
HA-B02_2-4	"	9:10	"	Solid			X	X		4
HA-TW01	6/2/25	11:10	G	GW			X			5

Please rush 3 DAY TAT

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: 1.4°C

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/2/25 12:40			6/2/25 12:40	
2		6/2/25 17:00			6/3/25 11:30	Eurofins
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver 10/10/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 327422

Number of Coolers: 1 IR Gun # 4

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	6.4 °C	1.8 °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. _____ Date: 6/3/25

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 460-327422-1

Login Number: 327422
List Number: 1
Creator: Meyers, Gary

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	True	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/5/2025 12:55:13 PM

JOB DESCRIPTION

122 Bruckner Blvd, Bronx, NY

JOB NUMBER

200-78227-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

myEOL

Job Notes

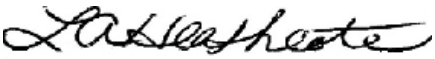
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



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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: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

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: 200-78227-1 Eurofins Burlington

Job Narrative
200-78227-1

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 6/3/2025 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: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

Client Sample ID: HA-SV-01

Lab Sample ID: 200-78227-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	1.1	ug/m3	1		TO-15	Total/NA
Chloromethane	0.68	J	1.0	0.68	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.70		0.44	0.088	ug/m3	1		TO-15	Total/NA
Chloroethane	0.45	J	1.3	0.42	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.43	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.56	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	11	J	12	5.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	15		1.6	0.56	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	15		15	4.9	ug/m3	1		TO-15	Total/NA
Methyl tert-butyl ether	1.6		0.72	0.24	ug/m3	1		TO-15	Total/NA
n-Hexane	84		1.8	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13		1.5	0.41	ug/m3	1		TO-15	Total/NA
Chloroform	0.64	J	0.98	0.29	ug/m3	1		TO-15	Total/NA
Cyclohexane	25		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.1		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	27		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	38		0.82	0.35	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.8		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	8.0		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.29	J	1.4	0.24	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.23	J	0.92	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.2		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.0		2.2	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	1.3		0.87	0.30	ug/m3	1		TO-15	Total/NA
Styrene	0.26	J	0.85	0.24	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.0		0.98	0.40	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.7		1.2	0.38	ug/m3	1		TO-15	Total/NA
Naphthalene	0.79	J	2.0	0.58	ug/m3	1		TO-15	Total/NA
n-Butane - DL	280	D	12	7.4	ug/m3	10		TO-15	Total/NA
Acetone - DL	140	D	120	45	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.49	J	0.50	0.22	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.33	J	0.50	0.33	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.32		0.20	0.040	ppb v/v	1		TO-15	Total/NA
Chloroethane	0.17	J	0.50	0.16	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.077	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.074	J	0.20	0.057	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	4.4	J	5.0	2.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	4.9		0.50	0.18	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	4.8		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Methyl tert-butyl ether	0.43		0.20	0.066	ppb v/v	1		TO-15	Total/NA
n-Hexane	24		0.50	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.5		0.50	0.14	ppb v/v	1		TO-15	Total/NA
Chloroform	0.13	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
Cyclohexane	7.2		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.067		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.44		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Benzene	8.6		0.20	0.051	ppb v/v	1		TO-15	Total/NA
n-Heptane	9.3		0.20	0.086	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

Client Sample ID: HA-SV-01 (Continued)

Lab Sample ID: 200-78227-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.69		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	2.1		0.20	0.054	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.043	J	0.20	0.036	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.050	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.27		0.20	0.051	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.91		0.50	0.014	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.29		0.20	0.069	ppb v/v	1		TO-15	Total/NA
Styrene	0.060	J	0.20	0.056	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.40		0.20	0.082	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.29		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Naphthalene	0.15	J	0.38	0.11	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	120	D	5.0	3.1	ppb v/v	10		TO-15	Total/NA
Acetone - DL	60	D	50	19	ppb v/v	10		TO-15	Total/NA

Client Sample ID: HA-SV-02

Lab Sample ID: 200-78227-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	1.1	ug/m3	1		TO-15	Total/NA
Chloromethane	1.8		1.0	0.68	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	9.7		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.43	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.59	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	42		12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	7.2	J	12	5.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	8.3		1.6	0.56	ug/m3	1		TO-15	Total/NA
n-Hexane	26		1.8	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.8		1.5	0.41	ug/m3	1		TO-15	Total/NA
Chloroform	1.8		0.98	0.29	ug/m3	1		TO-15	Total/NA
Cyclohexane	3.2		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.37		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.9		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	9.8		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	9.5		0.82	0.35	ug/m3	1		TO-15	Total/NA
Toluene	4.5		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	3.5		1.4	0.24	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.63	J	0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.8	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	0.54	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Cumene	0.70	J	0.98	0.35	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.70	J	0.98	0.40	ug/m3	1		TO-15	Total/NA
n-Butane - DL	150	D	2.4	1.5	ug/m3	2		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.52		0.50	0.22	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.87		0.50	0.33	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	4.4		0.20	0.040	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.077	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.076	J	0.20	0.057	ppb v/v	1		TO-15	Total/NA
Acetone	18		5.0	1.9	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.9	J	5.0	2.2	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.7		0.50	0.18	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Client Sample ID: HA-SV-02 (Continued)

Lab Sample ID: 200-78227-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	7.5		0.50	0.16	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		0.50	0.14	ppb v/v	1		TO-15	Total/NA
Chloroform	0.37		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.92		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.059		0.035	0.024	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.61		0.20	0.071	ppb v/v	1		TO-15	Total/NA
Benzene	3.1		0.20	0.051	ppb v/v	1		TO-15	Total/NA
n-Heptane	2.3		0.20	0.086	ppb v/v	1		TO-15	Total/NA
Toluene	1.2		0.20	0.054	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.51		0.20	0.036	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.14	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.42	J	0.50	0.014	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.12	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
Cumene	0.14	J	0.20	0.072	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.14	J	0.20	0.082	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	61	D	1.0	0.62	ppb v/v	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

Client Sample ID: HA-SV-01

Lab Sample ID: 200-78227-1

Date Collected: 06/02/25 11:50
Matrix: Air
Date Received: 06/03/25 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	**2.4**	**J**	2.5	1.1	ug/m3			06/04/25 12:20	1
Chlorodifluoromethane	1.8	U	1.8	1.3	ug/m3			06/04/25 12:20	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			06/04/25 12:20	1
Chloromethane	**0.68**	**J**	1.0	0.68	ug/m3			06/04/25 12:20	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/04/25 12:20	1
1,3-Butadiene	**0.70**		0.44	0.088	ug/m3			06/04/25 12:20	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/04/25 12:20	1
Chloroethane	**0.45**	**J**	1.3	0.42	ug/m3			06/04/25 12:20	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/04/25 12:20	1
Trichlorofluoromethane	**1.4**		1.1	0.43	ug/m3			06/04/25 12:20	1
1,1,2-Trichlorotrifluoroethane	**0.56**	**J**	1.5	0.44	ug/m3			06/04/25 12:20	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/04/25 12:20	1
Isopropyl alcohol	**11**	**J**	12	5.4	ug/m3			06/04/25 12:20	1
Carbon disulfide	**15**		1.6	0.56	ug/m3			06/04/25 12:20	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/04/25 12:20	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			06/04/25 12:20	1
tert-Butyl alcohol	**15**		15	4.9	ug/m3			06/04/25 12:20	1
Methyl tert-butyl ether	**1.6**		0.72	0.24	ug/m3			06/04/25 12:20	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/04/25 12:20	1
n-Hexane	**84**		1.8	0.56	ug/m3			06/04/25 12:20	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/04/25 12:20	1
Methyl Ethyl Ketone (2-Butanone)	**13**		1.5	0.41	ug/m3			06/04/25 12:20	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/04/25 12:20	1
Chloroform	**0.64**	**J**	0.98	0.29	ug/m3			06/04/25 12:20	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/04/25 12:20	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			06/04/25 12:20	1
Cyclohexane	**25**		0.69	0.18	ug/m3			06/04/25 12:20	1
Carbon tetrachloride	**0.42**		0.22	0.15	ug/m3			06/04/25 12:20	1
2,2,4-Trimethylpentane	**2.1**		0.93	0.33	ug/m3			06/04/25 12:20	1
Benzene	**27**		0.64	0.16	ug/m3			06/04/25 12:20	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/04/25 12:20	1
n-Heptane	**38**		0.82	0.35	ug/m3			06/04/25 12:20	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/04/25 12:20	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/04/25 12:20	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/04/25 12:20	1
1,4-Dioxane	18	U	18	0.68	ug/m3			06/04/25 12:20	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			06/04/25 12:20	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/04/25 12:20	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.8**		2.0	0.78	ug/m3			06/04/25 12:20	1
Toluene	**8.0**		0.75	0.20	ug/m3			06/04/25 12:20	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/04/25 12:20	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/04/25 12:20	1
Tetrachloroethene	**0.29**	**J**	1.4	0.24	ug/m3			06/04/25 12:20	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/04/25 12:20	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/04/25 12:20	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/04/25 12:20	1
Chlorobenzene	**0.23**	**J**	0.92	0.22	ug/m3			06/04/25 12:20	1
Ethylbenzene	**1.2**		0.87	0.22	ug/m3			06/04/25 12:20	1

Client Sample ID: HA-SV-01

Date Collected: 06/02/25 11:50
Date Received: 06/03/25 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-78227-1

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	**4.0**		2.2	0.061	ug/m3			06/04/25 12:20	1
o-Xylene	**1.3**		0.87	0.30	ug/m3			06/04/25 12:20	1
Styrene	**0.26**	**J**	0.85	0.24	ug/m3			06/04/25 12:20	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/04/25 12:20	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/04/25 12:20	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/04/25 12:20	1
n-Propylbenzene	0.98	U	0.98	0.30	ug/m3			06/04/25 12:20	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			06/04/25 12:20	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			06/04/25 12:20	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/04/25 12:20	1
tert-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/04/25 12:20	1
1,2,4-Trimethylbenzene	**2.0**		0.98	0.40	ug/m3			06/04/25 12:20	1
sec-Butylbenzene	1.1	U	1.1	0.40	ug/m3			06/04/25 12:20	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			06/04/25 12:20	1
1,3-Dichlorobenzene	**1.7**		1.2	0.38	ug/m3			06/04/25 12:20	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/04/25 12:20	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			06/04/25 12:20	1
n-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/04/25 12:20	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/04/25 12:20	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/04/25 12:20	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/04/25 12:20	1
Naphthalene	**0.79**	**J**	2.0	0.58	ug/m3			06/04/25 12:20	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.49**	**J**	0.50	0.22	ppb v/v			06/04/25 12:20	1
Chlorodifluoromethane	0.50	U	0.50	0.36	ppb v/v			06/04/25 12:20	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			06/04/25 12:20	1
Chloromethane	**0.33**	**J**	0.50	0.33	ppb v/v			06/04/25 12:20	1
Vinyl chloride	0.078	U	0.078	0.029	ppb v/v			06/04/25 12:20	1
1,3-Butadiene	**0.32**		0.20	0.040	ppb v/v			06/04/25 12:20	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/04/25 12:20	1
Chloroethane	**0.17**	**J**	0.50	0.16	ppb v/v			06/04/25 12:20	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/04/25 12:20	1
Trichlorofluoromethane	**0.24**		0.20	0.077	ppb v/v			06/04/25 12:20	1
1,1,2-Trichlorotrifluoroethane	**0.074**	**J**	0.20	0.057	ppb v/v			06/04/25 12:20	1
1,1-Dichloroethene	0.050	U	0.050	0.035	ppb v/v			06/04/25 12:20	1
Isopropyl alcohol	**4.4**	**J**	5.0	2.2	ppb v/v			06/04/25 12:20	1
Carbon disulfide	**4.9**		0.50	0.18	ppb v/v			06/04/25 12:20	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/04/25 12:20	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			06/04/25 12:20	1
tert-Butyl alcohol	**4.8**		5.0	1.6	ppb v/v			06/04/25 12:20	1
Methyl tert-butyl ether	**0.43**		0.20	0.066	ppb v/v			06/04/25 12:20	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/04/25 12:20	1
n-Hexane	**24**		0.50	0.16	ppb v/v			06/04/25 12:20	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			06/04/25 12:20	1
Methyl Ethyl Ketone (2-Butanone)	**4.5**		0.50	0.14	ppb v/v			06/04/25 12:20	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.032	ppb v/v			06/04/25 12:20	1
Chloroform	**0.13**	**J**	0.20	0.059	ppb v/v			06/04/25 12:20	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/04/25 12:20	1

Client Sample ID: HA-SV-01
Lab Sample ID: 200-78227-1
Date Collected: 06/02/25 11:50
Matrix: Air
Date Received: 06/03/25 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
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			06/04/25 12:20	1
Cyclohexane	**7.2**		0.20	0.052	ppb v/v			06/04/25 12:20	1
Carbon tetrachloride	**0.067**		0.035	0.024	ppb v/v			06/04/25 12:20	1
2,2,4-Trimethylpentane	**0.44**		0.20	0.071	ppb v/v			06/04/25 12:20	1
Benzene	**8.6**		0.20	0.051	ppb v/v			06/04/25 12:20	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			06/04/25 12:20	1
n-Heptane	**9.3**		0.20	0.086	ppb v/v			06/04/25 12:20	1
Trichloroethene	0.037	U	0.037	0.029	ppb v/v			06/04/25 12:20	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/04/25 12:20	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/04/25 12:20	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/04/25 12:20	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			06/04/25 12:20	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/04/25 12:20	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.69**		0.50	0.19	ppb v/v			06/04/25 12:20	1
Toluene	**2.1**		0.20	0.054	ppb v/v			06/04/25 12:20	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/04/25 12:20	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/04/25 12:20	1
Tetrachloroethene	**0.043**	**J**	0.20	0.036	ppb v/v			06/04/25 12:20	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/04/25 12:20	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/04/25 12:20	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/04/25 12:20	1
Chlorobenzene	**0.050**	**J**	0.20	0.047	ppb v/v			06/04/25 12:20	1
Ethylbenzene	**0.27**		0.20	0.051	ppb v/v			06/04/25 12:20	1
m,p-Xylene	**0.91**		0.50	0.014	ppb v/v			06/04/25 12:20	1
o-Xylene	**0.29**		0.20	0.069	ppb v/v			06/04/25 12:20	1
Styrene	**0.060**	**J**	0.20	0.056	ppb v/v			06/04/25 12:20	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/04/25 12:20	1
Cumene	0.20	U	0.20	0.072	ppb v/v			06/04/25 12:20	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/04/25 12:20	1
n-Propylbenzene	0.20	U	0.20	0.062	ppb v/v			06/04/25 12:20	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			06/04/25 12:20	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			06/04/25 12:20	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/04/25 12:20	1
tert-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 12:20	1
1,2,4-Trimethylbenzene	**0.40**		0.20	0.082	ppb v/v			06/04/25 12:20	1
sec-Butylbenzene	0.20	U	0.20	0.072	ppb v/v			06/04/25 12:20	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			06/04/25 12:20	1
1,3-Dichlorobenzene	**0.29**		0.20	0.063	ppb v/v			06/04/25 12:20	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 12:20	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			06/04/25 12:20	1
n-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 12:20	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/04/25 12:20	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/04/25 12:20	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/04/25 12:20	1
Naphthalene	**0.15**	**J**	0.38	0.11	ppb v/v			06/04/25 12:20	1

Client Sample ID: HA-SV-01

Lab Sample ID: 200-78227-1

Date Collected: 06/02/25 11:50
Matrix: Air
Date Received: 06/03/25 10:30
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**280**	**D**	12	7.4	ug/m3			06/04/25 13:11	10
Acetone	**140**	**D**	120	45	ug/m3			06/04/25 13:11	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**120**	**D**	5.0	3.1	ppb v/v			06/04/25 13:11	10
Acetone	**60**	**D**	50	19	ppb v/v			06/04/25 13:11	10

Client Sample ID: HA-SV-02

Lab Sample ID: 200-78227-2

Date Collected: 06/02/25 11:35
Matrix: Air
Date Received: 06/03/25 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	**2.6**		2.5	1.1	ug/m3			06/04/25 14:02	1
Chlorodifluoromethane	1.8	U	1.8	1.3	ug/m3			06/04/25 14:02	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			06/04/25 14:02	1
Chloromethane	**1.8**		1.0	0.68	ug/m3			06/04/25 14:02	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/04/25 14:02	1
1,3-Butadiene	**9.7**		0.44	0.088	ug/m3			06/04/25 14:02	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/04/25 14:02	1
Chloroethane	1.3	U	1.3	0.42	ug/m3			06/04/25 14:02	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/04/25 14:02	1
Trichlorofluoromethane	**1.5**		1.1	0.43	ug/m3			06/04/25 14:02	1
1,1,2-Trichlorotrifluoroethane	**0.59**	**J**	1.5	0.44	ug/m3			06/04/25 14:02	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/04/25 14:02	1
Acetone	**42**		12	4.5	ug/m3			06/04/25 14:02	1
Isopropyl alcohol	**7.2**	**J**	12	5.4	ug/m3			06/04/25 14:02	1
Carbon disulfide	**8.3**		1.6	0.56	ug/m3			06/04/25 14:02	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/04/25 14:02	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			06/04/25 14:02	1
tert-Butyl alcohol	15	U	15	4.9	ug/m3			06/04/25 14:02	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/04/25 14:02	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/04/25 14:02	1
n-Hexane	**26**		1.8	0.56	ug/m3			06/04/25 14:02	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/04/25 14:02	1
Methyl Ethyl Ketone (2-Butanone)	**4.8**		1.5	0.41	ug/m3			06/04/25 14:02	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/04/25 14:02	1
Chloroform	**1.8**		0.98	0.29	ug/m3			06/04/25 14:02	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/04/25 14:02	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			06/04/25 14:02	1
Cyclohexane	**3.2**		0.69	0.18	ug/m3			06/04/25 14:02	1
Carbon tetrachloride	**0.37**		0.22	0.15	ug/m3			06/04/25 14:02	1
2,2,4-Trimethylpentane	**2.9**		0.93	0.33	ug/m3			06/04/25 14:02	1
Benzene	**9.8**		0.64	0.16	ug/m3			06/04/25 14:02	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/04/25 14:02	1
n-Heptane	**9.5**		0.82	0.35	ug/m3			06/04/25 14:02	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/04/25 14:02	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/04/25 14:02	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/04/25 14:02	1

Client Sample ID: HA-SV-02
Lab Sample ID: 200-78227-2
Date Collected: 06/02/25 11:35
Matrix: Air
Date Received: 06/03/25 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
1,4-Dioxane	18	U	18	0.68	ug/m3			06/04/25 14:02	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			06/04/25 14:02	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/04/25 14:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			06/04/25 14:02	1
Toluene	**4.5**		0.75	0.20	ug/m3			06/04/25 14:02	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/04/25 14:02	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/04/25 14:02	1
Tetrachloroethene	**3.5**		1.4	0.24	ug/m3			06/04/25 14:02	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/04/25 14:02	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/04/25 14:02	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/04/25 14:02	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/04/25 14:02	1
Ethylbenzene	**0.63**	**J**	0.87	0.22	ug/m3			06/04/25 14:02	1
m,p-Xylene	**1.8**	**J**	2.2	0.061	ug/m3			06/04/25 14:02	1
o-Xylene	**0.54**	**J**	0.87	0.30	ug/m3			06/04/25 14:02	1
Styrene	0.85	U	0.85	0.24	ug/m3			06/04/25 14:02	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/04/25 14:02	1
Cumene	**0.70**	**J**	0.98	0.35	ug/m3			06/04/25 14:02	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/04/25 14:02	1
n-Propylbenzene	0.98	U	0.98	0.30	ug/m3			06/04/25 14:02	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			06/04/25 14:02	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			06/04/25 14:02	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/04/25 14:02	1
tert-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/04/25 14:02	1
1,2,4-Trimethylbenzene	**0.70**	**J**	0.98	0.40	ug/m3			06/04/25 14:02	1
sec-Butylbenzene	1.1	U	1.1	0.40	ug/m3			06/04/25 14:02	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			06/04/25 14:02	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			06/04/25 14:02	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/04/25 14:02	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			06/04/25 14:02	1
n-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/04/25 14:02	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/04/25 14:02	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/04/25 14:02	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/04/25 14:02	1
Naphthalene	2.0	U	2.0	0.58	ug/m3			06/04/25 14:02	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.52**		0.50	0.22	ppb v/v			06/04/25 14:02	1
Chlorodifluoromethane	0.50	U	0.50	0.36	ppb v/v			06/04/25 14:02	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			06/04/25 14:02	1
Chloromethane	**0.87**		0.50	0.33	ppb v/v			06/04/25 14:02	1
Vinyl chloride	0.078	U	0.078	0.029	ppb v/v			06/04/25 14:02	1
1,3-Butadiene	**4.4**		0.20	0.040	ppb v/v			06/04/25 14:02	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/04/25 14:02	1
Chloroethane	0.50	U	0.50	0.16	ppb v/v			06/04/25 14:02	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/04/25 14:02	1
Trichlorofluoromethane	**0.28**		0.20	0.077	ppb v/v			06/04/25 14:02	1
1,1,2-Trichlorotrifluoroethane	**0.076**	**J**	0.20	0.057	ppb v/v			06/04/25 14:02	1

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

Client Sample ID: HA-SV-02
Date Collected: 06/02/25 11:35
Date Received: 06/03/25 10:30
Sample Container: Summa Canister 6L

Lab Sample ID: 200-78227-2
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-Dichloroethene	0.050	U	0.050	0.035	ppb v/v			06/04/25 14:02	1
Acetone	**18**		5.0	1.9	ppb v/v			06/04/25 14:02	1
Isopropyl alcohol	**2.9**	**J**	5.0	2.2	ppb v/v			06/04/25 14:02	1
Carbon disulfide	**2.7**		0.50	0.18	ppb v/v			06/04/25 14:02	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/04/25 14:02	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			06/04/25 14:02	1
tert-Butyl alcohol	5.0	U	5.0	1.6	ppb v/v			06/04/25 14:02	1
Methyl tert-butyl ether	0.20	U	0.20	0.066	ppb v/v			06/04/25 14:02	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/04/25 14:02	1
n-Hexane	**7.5**		0.50	0.16	ppb v/v			06/04/25 14:02	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			06/04/25 14:02	1
Methyl Ethyl Ketone (2-Butanone)	**1.6**		0.50	0.14	ppb v/v			06/04/25 14:02	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.032	ppb v/v			06/04/25 14:02	1
Chloroform	**0.37**		0.20	0.059	ppb v/v			06/04/25 14:02	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/04/25 14:02	1
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			06/04/25 14:02	1
Cyclohexane	**0.92**		0.20	0.052	ppb v/v			06/04/25 14:02	1
Carbon tetrachloride	**0.059**		0.035	0.024	ppb v/v			06/04/25 14:02	1
2,2,4-Trimethylpentane	**0.61**		0.20	0.071	ppb v/v			06/04/25 14:02	1
Benzene	**3.1**		0.20	0.051	ppb v/v			06/04/25 14:02	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			06/04/25 14:02	1
n-Heptane	**2.3**		0.20	0.086	ppb v/v			06/04/25 14:02	1
Trichloroethene	0.037	U	0.037	0.029	ppb v/v			06/04/25 14:02	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/04/25 14:02	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/04/25 14:02	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/04/25 14:02	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			06/04/25 14:02	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/04/25 14:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			06/04/25 14:02	1
Toluene	**1.2**		0.20	0.054	ppb v/v			06/04/25 14:02	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/04/25 14:02	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/04/25 14:02	1
Tetrachloroethene	**0.51**		0.20	0.036	ppb v/v			06/04/25 14:02	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/04/25 14:02	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/04/25 14:02	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/04/25 14:02	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			06/04/25 14:02	1
Ethylbenzene	**0.14**	**J**	0.20	0.051	ppb v/v			06/04/25 14:02	1
m,p-Xylene	**0.42**	**J**	0.50	0.014	ppb v/v			06/04/25 14:02	1
o-Xylene	**0.12**	**J**	0.20	0.069	ppb v/v			06/04/25 14:02	1
Styrene	0.20	U	0.20	0.056	ppb v/v			06/04/25 14:02	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/04/25 14:02	1
Cumene	**0.14**	**J**	0.20	0.072	ppb v/v			06/04/25 14:02	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/04/25 14:02	1
n-Propylbenzene	0.20	U	0.20	0.062	ppb v/v			06/04/25 14:02	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			06/04/25 14:02	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			06/04/25 14:02	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/04/25 14:02	1

Client Sample ID: HA-SV-02
Lab Sample ID: 200-78227-2
Date Collected: 06/02/25 11:35
Matrix: Air
Date Received: 06/03/25 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	0.070	ppb v/v			06/04/25 14:02	1
1,2,4-Trimethylbenzene	**0.14**	**J**	0.20	0.082	ppb v/v			06/04/25 14:02	1
sec-Butylbenzene	0.20	U	0.20	0.072	ppb v/v			06/04/25 14:02	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			06/04/25 14:02	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			06/04/25 14:02	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 14:02	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			06/04/25 14:02	1
n-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 14:02	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/04/25 14:02	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/04/25 14:02	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/04/25 14:02	1
Naphthalene	0.38	U	0.38	0.11	ppb v/v			06/04/25 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**150**	**D**	2.4	1.5	ug/m3			06/04/25 14:54	2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**61**	**D**	1.0	0.62	ppb v/v			06/04/25 14:54	2

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

Lab Sample ID: MB 200-216847/5
Matrix: Air
Analysis Batch: 216847

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	1.1	ug/m3			06/04/25 10:27	1
Chlorodifluoromethane	1.8	U	1.8	1.3	ug/m3			06/04/25 10:27	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.53	ug/m3			06/04/25 10:27	1
Chloromethane	1.0	U	1.0	0.68	ug/m3			06/04/25 10:27	1
n-Butane	1.2	U	1.2	0.74	ug/m3			06/04/25 10:27	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/04/25 10:27	1
1,3-Butadiene	0.44	U	0.44	0.088	ug/m3			06/04/25 10:27	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/04/25 10:27	1
Chloroethane	1.3	U	1.3	0.42	ug/m3			06/04/25 10:27	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/04/25 10:27	1
Trichlorofluoromethane	1.1	U	1.1	0.43	ug/m3			06/04/25 10:27	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.44	ug/m3			06/04/25 10:27	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/04/25 10:27	1
Acetone	12	U	12	4.5	ug/m3			06/04/25 10:27	1
Isopropyl alcohol	12	U	12	5.4	ug/m3			06/04/25 10:27	1
Carbon disulfide	1.6	U	1.6	0.56	ug/m3			06/04/25 10:27	1
3-Chloropropene	1.6	U	1.6	0.25	ug/m3			06/04/25 10:27	1
Methylene Chloride	1.7	U	1.7	0.66	ug/m3			06/04/25 10:27	1
tert-Butyl alcohol	15	U	15	4.9	ug/m3			06/04/25 10:27	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/04/25 10:27	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/04/25 10:27	1
n-Hexane	1.8	U	1.8	0.56	ug/m3			06/04/25 10:27	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/04/25 10:27	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.41	ug/m3			06/04/25 10:27	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/04/25 10:27	1
Chloroform	0.98	U	0.98	0.29	ug/m3			06/04/25 10:27	1
Tetrahydrofuran	15	U	15	5.0	ug/m3			06/04/25 10:27	1
1,1,1-Trichloroethane	1.1	U	1.1	0.40	ug/m3			06/04/25 10:27	1
Cyclohexane	0.69	U	0.69	0.18	ug/m3			06/04/25 10:27	1
Carbon tetrachloride	0.22	U	0.22	0.15	ug/m3			06/04/25 10:27	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.33	ug/m3			06/04/25 10:27	1
Benzene	0.64	U	0.64	0.16	ug/m3			06/04/25 10:27	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/04/25 10:27	1
n-Heptane	0.82	U	0.82	0.35	ug/m3			06/04/25 10:27	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/04/25 10:27	1
Methyl methacrylate	2.0	U	2.0	0.53	ug/m3			06/04/25 10:27	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/04/25 10:27	1
1,4-Dioxane	18	U	18	0.68	ug/m3			06/04/25 10:27	1
Bromodichloromethane	1.3	U	1.3	0.39	ug/m3			06/04/25 10:27	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/04/25 10:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			06/04/25 10:27	1
Toluene	0.75	U	0.75	0.20	ug/m3			06/04/25 10:27	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/04/25 10:27	1
1,1,2-Trichloroethane	1.1	U	1.1	0.29	ug/m3			06/04/25 10:27	1
Tetrachloroethene	1.4	U	1.4	0.24	ug/m3			06/04/25 10:27	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			06/04/25 10:27	1
Dibromochloromethane	1.7	U	1.7	0.45	ug/m3			06/04/25 10:27	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			06/04/25 10:27	1

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

Lab Sample ID: MB 200-216847/5
Matrix: Air
Analysis Batch: 216847

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	0.22	ug/m3			06/04/25 10:27	1
Ethylbenzene	0.87	U	0.87	0.22	ug/m3			06/04/25 10:27	1
m,p-Xylene	2.2	U	2.2	0.061	ug/m3			06/04/25 10:27	1
o-Xylene	0.87	U	0.87	0.30	ug/m3			06/04/25 10:27	1
Styrene	0.85	U	0.85	0.24	ug/m3			06/04/25 10:27	1
Bromoform	2.1	U	2.1	0.60	ug/m3			06/04/25 10:27	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/04/25 10:27	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.42	ug/m3			06/04/25 10:27	1
n-Propylbenzene	0.98	U	0.98	0.30	ug/m3			06/04/25 10:27	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			06/04/25 10:27	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			06/04/25 10:27	1
2-Chlorotoluene	1.0	U	1.0	0.30	ug/m3			06/04/25 10:27	1
tert-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/04/25 10:27	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.40	ug/m3			06/04/25 10:27	1
sec-Butylbenzene	1.1	U	1.1	0.40	ug/m3			06/04/25 10:27	1
4-Isopropyltoluene	1.1	U	1.1	0.43	ug/m3			06/04/25 10:27	1
1,3-Dichlorobenzene	1.2	U	1.2	0.38	ug/m3			06/04/25 10:27	1
1,4-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			06/04/25 10:27	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			06/04/25 10:27	1
n-Butylbenzene	1.1	U	1.1	0.38	ug/m3			06/04/25 10:27	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			06/04/25 10:27	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.2	ug/m3			06/04/25 10:27	1
Hexachlorobutadiene	2.1	U	2.1	0.83	ug/m3			06/04/25 10:27	1
Naphthalene	2.0	U	2.0	0.58	ug/m3			06/04/25 10:27	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.22	ppb v/v			06/04/25 10:27	1
Chlorodifluoromethane	0.50	U	0.50	0.36	ppb v/v			06/04/25 10:27	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.076	ppb v/v			06/04/25 10:27	1
Chloromethane	0.50	U	0.50	0.33	ppb v/v			06/04/25 10:27	1
n-Butane	0.50	U	0.50	0.31	ppb v/v			06/04/25 10:27	1
Vinyl chloride	0.078	U	0.078	0.029	ppb v/v			06/04/25 10:27	1
1,3-Butadiene	0.20	U	0.20	0.040	ppb v/v			06/04/25 10:27	1
Bromomethane	0.20	U	0.20	0.062	ppb v/v			06/04/25 10:27	1
Chloroethane	0.50	U	0.50	0.16	ppb v/v			06/04/25 10:27	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.048	ppb v/v			06/04/25 10:27	1
Trichlorofluoromethane	0.20	U	0.20	0.077	ppb v/v			06/04/25 10:27	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.057	ppb v/v			06/04/25 10:27	1
1,1-Dichloroethene	0.050	U	0.050	0.035	ppb v/v			06/04/25 10:27	1
Acetone	5.0	U	5.0	1.9	ppb v/v			06/04/25 10:27	1
Isopropyl alcohol	5.0	U	5.0	2.2	ppb v/v			06/04/25 10:27	1
Carbon disulfide	0.50	U	0.50	0.18	ppb v/v			06/04/25 10:27	1
3-Chloropropene	0.50	U	0.50	0.081	ppb v/v			06/04/25 10:27	1
Methylene Chloride	0.50	U	0.50	0.19	ppb v/v			06/04/25 10:27	1
tert-Butyl alcohol	5.0	U	5.0	1.6	ppb v/v			06/04/25 10:27	1
Methyl tert-butyl ether	0.20	U	0.20	0.066	ppb v/v			06/04/25 10:27	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.020	ppb v/v			06/04/25 10:27	1
n-Hexane	0.50	U	0.50	0.16	ppb v/v			06/04/25 10:27	1
1,1-Dichloroethane	0.20	U	0.20	0.018	ppb v/v			06/04/25 10:27	1

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

Lab Sample ID: MB 200-216847/5
Matrix: Air
Analysis Batch: 216847

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	0.14	ppb v/v			06/04/25 10:27	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.032	ppb v/v			06/04/25 10:27	1
Chloroform	0.20	U	0.20	0.059	ppb v/v			06/04/25 10:27	1
Tetrahydrofuran	5.0	U	5.0	1.7	ppb v/v			06/04/25 10:27	1
1,1,1-Trichloroethane	0.20	U	0.20	0.073	ppb v/v			06/04/25 10:27	1
Cyclohexane	0.20	U	0.20	0.052	ppb v/v			06/04/25 10:27	1
Carbon tetrachloride	0.035	U	0.035	0.024	ppb v/v			06/04/25 10:27	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.071	ppb v/v			06/04/25 10:27	1
Benzene	0.20	U	0.20	0.051	ppb v/v			06/04/25 10:27	1
1,2-Dichloroethane	0.20	U	0.20	0.074	ppb v/v			06/04/25 10:27	1
n-Heptane	0.20	U	0.20	0.086	ppb v/v			06/04/25 10:27	1
Trichloroethene	0.037	U	0.037	0.029	ppb v/v			06/04/25 10:27	1
Methyl methacrylate	0.50	U	0.50	0.13	ppb v/v			06/04/25 10:27	1
1,2-Dichloropropane	0.20	U	0.20	0.055	ppb v/v			06/04/25 10:27	1
1,4-Dioxane	5.0	U	5.0	0.19	ppb v/v			06/04/25 10:27	1
Bromodichloromethane	0.20	U	0.20	0.058	ppb v/v			06/04/25 10:27	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.056	ppb v/v			06/04/25 10:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			06/04/25 10:27	1
Toluene	0.20	U	0.20	0.054	ppb v/v			06/04/25 10:27	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.062	ppb v/v			06/04/25 10:27	1
1,1,2-Trichloroethane	0.20	U	0.20	0.053	ppb v/v			06/04/25 10:27	1
Tetrachloroethene	0.20	U	0.20	0.036	ppb v/v			06/04/25 10:27	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			06/04/25 10:27	1
Dibromochloromethane	0.20	U	0.20	0.053	ppb v/v			06/04/25 10:27	1
1,2-Dibromoethane	0.20	U	0.20	0.045	ppb v/v			06/04/25 10:27	1
Chlorobenzene	0.20	U	0.20	0.047	ppb v/v			06/04/25 10:27	1
Ethylbenzene	0.20	U	0.20	0.051	ppb v/v			06/04/25 10:27	1
m,p-Xylene	0.50	U	0.50	0.014	ppb v/v			06/04/25 10:27	1
o-Xylene	0.20	U	0.20	0.069	ppb v/v			06/04/25 10:27	1
Styrene	0.20	U	0.20	0.056	ppb v/v			06/04/25 10:27	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			06/04/25 10:27	1
Cumene	0.20	U	0.20	0.072	ppb v/v			06/04/25 10:27	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.061	ppb v/v			06/04/25 10:27	1
n-Propylbenzene	0.20	U	0.20	0.062	ppb v/v			06/04/25 10:27	1
4-Ethyltoluene	0.20	U	0.20	0.068	ppb v/v			06/04/25 10:27	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.068	ppb v/v			06/04/25 10:27	1
2-Chlorotoluene	0.20	U	0.20	0.058	ppb v/v			06/04/25 10:27	1
tert-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 10:27	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.082	ppb v/v			06/04/25 10:27	1
sec-Butylbenzene	0.20	U	0.20	0.072	ppb v/v			06/04/25 10:27	1
4-Isopropyltoluene	0.20	U	0.20	0.078	ppb v/v			06/04/25 10:27	1
1,3-Dichlorobenzene	0.20	U	0.20	0.063	ppb v/v			06/04/25 10:27	1
1,4-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 10:27	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			06/04/25 10:27	1
n-Butylbenzene	0.20	U	0.20	0.070	ppb v/v			06/04/25 10:27	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			06/04/25 10:27	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.30	ppb v/v			06/04/25 10:27	1
Hexachlorobutadiene	0.20	U	0.20	0.078	ppb v/v			06/04/25 10:27	1

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

Lab Sample ID: MB 200-216847/5
Matrix: Air
Analysis Batch: 216847

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	0.11	ppb v/v			06/04/25 10:27	1

Lab Sample ID: LCS 200-216847/3
Matrix: Air
Analysis Batch: 216847

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	46.6		ug/m3		94	61 - 142
Chlorodifluoromethane	35.4	33.6		ug/m3		95	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	65.7		ug/m3		94	71 - 141
Chloromethane	20.6	19.9		ug/m3		97	56 - 141
n-Butane	23.8	23.1		ug/m3		97	53 - 151
Vinyl chloride	25.6	24.8		ug/m3		97	61 - 135
1,3-Butadiene	22.1	20.1		ug/m3		91	58 - 139
Bromomethane	38.8	37.2		ug/m3		96	72 - 124
Chloroethane	26.4	25.9		ug/m3		98	68 - 130
Bromoethene(Vinyl Bromide)	43.7	42.8		ug/m3		98	75 - 125
Trichlorofluoromethane	56.2	52.9		ug/m3		94	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	70.0		ug/m3		91	70 - 121
1,1-Dichloroethene	39.6	37.2		ug/m3		94	68 - 120
Acetone	23.7	23.4		ug/m3		98	54 - 154
Isopropyl alcohol	24.6	26.4		ug/m3		107	53 - 142
Carbon disulfide	31.1	29.9		ug/m3		96	71 - 138
3-Chloropropene	31.3	31.7		ug/m3		101	50 - 150
Methylene Chloride	34.7	33.5		ug/m3		96	59 - 137
tert-Butyl alcohol	30.3	29.1		ug/m3		96	66 - 132
Methyl tert-butyl ether	36.0	35.1		ug/m3		97	70 - 127
trans-1,2-Dichloroethene	39.6	39.6		ug/m3		100	69 - 137
n-Hexane	35.2	34.7		ug/m3		99	63 - 138
1,1-Dichloroethane	40.5	38.7		ug/m3		96	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	28.5		ug/m3		97	72 - 124
cis-1,2-Dichloroethene	39.6	35.7		ug/m3		90	72 - 121
Chloroform	48.8	46.2		ug/m3		95	73 - 124
Tetrahydrofuran	29.5	28.6		ug/m3		97	60 - 149
1,1,1-Trichloroethane	54.6	51.1		ug/m3		94	72 - 127
Cyclohexane	34.4	32.9		ug/m3		96	76 - 124
Carbon tetrachloride	62.9	60.3		ug/m3		96	71 - 133
2,2,4-Trimethylpentane	46.7	46.7		ug/m3		100	68 - 131
Benzene	31.9	30.8		ug/m3		96	73 - 119
1,2-Dichloroethane	40.5	38.7		ug/m3		96	68 - 135
n-Heptane	41.0	42.0		ug/m3		102	60 - 142
Trichloroethene	53.7	51.2		ug/m3		95	73 - 122
Methyl methacrylate	40.9	40.5		ug/m3		99	73 - 129
1,2-Dichloropropane	46.2	45.7		ug/m3		99	69 - 128
1,4-Dioxane	36.0	35.5		ug/m3		99	66 - 129
Bromodichloromethane	67.0	64.4		ug/m3		96	75 - 127
cis-1,3-Dichloropropene	45.4	44.1		ug/m3		97	74 - 125

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

Lab Sample ID: LCS 200-216847/3
Matrix: Air
Analysis Batch: 216847

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	42.1		ug/m3		103	58 - 144
Toluene	37.7	35.8		ug/m3		95	75 - 122
trans-1,3-Dichloropropene	45.4	48.7		ug/m3		107	74 - 128
1,1,2-Trichloroethane	54.6	52.9		ug/m3		97	75 - 126
Tetrachloroethene	67.8	61.4		ug/m3		91	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	42.4		ug/m3		103	57 - 143
Dibromochloromethane	85.2	78.7		ug/m3		92	73 - 125
1,2-Dibromoethane	76.8	72.9		ug/m3		95	78 - 122
Chlorobenzene	46.0	42.7		ug/m3		93	76 - 119
Ethylbenzene	43.4	41.5		ug/m3		96	74 - 122
m,p-Xylene	86.8	82.7		ug/m3		95	76 - 121
o-Xylene	43.4	41.9		ug/m3		96	73 - 123
Styrene	42.6	42.2		ug/m3		99	74 - 125
Bromoform	103	95.9		ug/m3		93	53 - 149
Cumene	49.1	47.6		ug/m3		97	73 - 123
1,1,2,2-Tetrachloroethane	68.6	67.5		ug/m3		98	74 - 126
n-Propylbenzene	49.1	48.4		ug/m3		99	73 - 127
4-Ethyltoluene	49.2	48.8		ug/m3		99	75 - 129
1,3,5-Trimethylbenzene	49.2	47.8		ug/m3		97	72 - 126
2-Chlorotoluene	51.8	50.1		ug/m3		97	74 - 126
tert-Butylbenzene	54.9	52.5		ug/m3		96	71 - 125
1,2,4-Trimethylbenzene	49.2	47.8		ug/m3		97	71 - 129
sec-Butylbenzene	54.9	53.4		ug/m3		97	70 - 128
4-Isopropyltoluene	54.9	52.1		ug/m3		95	68 - 130
1,3-Dichlorobenzene	60.1	56.3		ug/m3		94	69 - 131
1,4-Dichlorobenzene	60.1	57.2		ug/m3		95	67 - 132
Benzyl chloride	51.8	53.5		ug/m3		103	60 - 136
n-Butylbenzene	54.9	53.9		ug/m3		98	65 - 137
1,2-Dichlorobenzene	60.1	56.0		ug/m3		93	68 - 129
1,2,4-Trichlorobenzene	74.2	77.2		ug/m3		104	50 - 150
Hexachlorobutadiene	107	101		ug/m3		95	58 - 130
Naphthalene	52.4	59.7		ug/m3		114	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.43		ppb v/v		94	61 - 142
Chlorodifluoromethane	10	9.49		ppb v/v		95	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.39		ppb v/v		94	71 - 141
Chloromethane	10	9.65		ppb v/v		97	56 - 141
n-Butane	10	9.73		ppb v/v		97	53 - 151
Vinyl chloride	10	9.71		ppb v/v		97	61 - 135
1,3-Butadiene	10	9.11		ppb v/v		91	58 - 139
Bromomethane	10	9.58		ppb v/v		96	72 - 124
Chloroethane	10	9.82		ppb v/v		98	68 - 130
Bromoethene(Vinyl Bromide)	10	9.78		ppb v/v		98	75 - 125
Trichlorofluoromethane	10	9.42		ppb v/v		94	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.13		ppb v/v		91	70 - 121
1,1-Dichloroethene	10	9.39		ppb v/v		94	68 - 120

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

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

Lab Sample ID: LCS 200-216847/3
Matrix: Air
Analysis Batch: 216847

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	9.83		ppb v/v		98	54 - 154
Isopropyl alcohol	10	10.7		ppb v/v		107	53 - 142
Carbon disulfide	10	9.59		ppb v/v		96	71 - 138
3-Chloropropene	10	10.1		ppb v/v		101	50 - 150
Methylene Chloride	10	9.63		ppb v/v		96	59 - 137
tert-Butyl alcohol	10	9.61		ppb v/v		96	66 - 132
Methyl tert-butyl ether	10	9.74		ppb v/v		97	70 - 127
trans-1,2-Dichloroethene	10	9.99		ppb v/v		100	69 - 137
n-Hexane	10	9.85		ppb v/v		99	63 - 138
1,1-Dichloroethane	10	9.57		ppb v/v		96	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.67		ppb v/v		97	72 - 124
cis-1,2-Dichloroethene	10	9.00		ppb v/v		90	72 - 121
Chloroform	10	9.46		ppb v/v		95	73 - 124
Tetrahydrofuran	10	9.71		ppb v/v		97	60 - 149
1,1,1-Trichloroethane	10	9.37		ppb v/v		94	72 - 127
Cyclohexane	10	9.57		ppb v/v		96	76 - 124
Carbon tetrachloride	10	9.58		ppb v/v		96	71 - 133
2,2,4-Trimethylpentane	10	10.0		ppb v/v		100	68 - 131
Benzene	10	9.63		ppb v/v		96	73 - 119
1,2-Dichloroethane	10	9.56		ppb v/v		96	68 - 135
n-Heptane	10	10.2		ppb v/v		102	60 - 142
Trichloroethene	10	9.53		ppb v/v		95	73 - 122
Methyl methacrylate	10	9.88		ppb v/v		99	73 - 129
1,2-Dichloropropane	10	9.90		ppb v/v		99	69 - 128
1,4-Dioxane	10	9.85		ppb v/v		99	66 - 129
Bromodichloromethane	10	9.61		ppb v/v		96	75 - 127
cis-1,3-Dichloropropene	10	9.72		ppb v/v		97	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.3		ppb v/v		103	58 - 144
Toluene	10	9.50		ppb v/v		95	75 - 122
trans-1,3-Dichloropropene	10	10.7		ppb v/v		107	74 - 128
1,1,2-Trichloroethane	10	9.70		ppb v/v		97	75 - 126
Tetrachloroethene	10	9.06		ppb v/v		91	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.3		ppb v/v		103	57 - 143
Dibromochloromethane	10	9.24		ppb v/v		92	73 - 125
1,2-Dibromoethane	10	9.49		ppb v/v		95	78 - 122
Chlorobenzene	10	9.28		ppb v/v		93	76 - 119
Ethylbenzene	10	9.57		ppb v/v		96	74 - 122
m,p-Xylene	20	19.0		ppb v/v		95	76 - 121
o-Xylene	10	9.65		ppb v/v		96	73 - 123
Styrene	10	9.90		ppb v/v		99	74 - 125
Bromoform	10	9.28		ppb v/v		93	53 - 149
Cumene	10	9.67		ppb v/v		97	73 - 123
1,1,2,2-Tetrachloroethane	10	9.84		ppb v/v		98	74 - 126
n-Propylbenzene	10	9.85		ppb v/v		99	73 - 127
4-Ethyltoluene	10	9.92		ppb v/v		99	75 - 129
1,3,5-Trimethylbenzene	10	9.72		ppb v/v		97	72 - 126

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

Lab Sample ID: LCS 200-216847/3
Matrix: Air
Analysis Batch: 216847

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	9.68		ppb v/v		97	74 - 126
tert-Butylbenzene	10	9.55		ppb v/v		96	71 - 125
1,2,4-Trimethylbenzene	10	9.72		ppb v/v		97	71 - 129
sec-Butylbenzene	10	9.74		ppb v/v		97	70 - 128
4-Isopropyltoluene	10	9.49		ppb v/v		95	68 - 130
1,3-Dichlorobenzene	10	9.36		ppb v/v		94	69 - 131
1,4-Dichlorobenzene	10	9.51		ppb v/v		95	67 - 132
Benzyl chloride	10	10.3		ppb v/v		103	60 - 136
n-Butylbenzene	10	9.82		ppb v/v		98	65 - 137
1,2-Dichlorobenzene	10	9.32		ppb v/v		93	68 - 129
1,2,4-Trichlorobenzene	10	10.4		ppb v/v		104	50 - 150
Hexachlorobutadiene	10	9.50		ppb v/v		95	58 - 130
Naphthalene	10	11.4		ppb v/v		114	50 - 150

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

Air - GC/MS VOA

Analysis Batch: 216847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-78227-1	HA-SV-01	Total/NA	Air	TO-15	
200-78227-1 - DL	HA-SV-01	Total/NA	Air	TO-15	
200-78227-2	HA-SV-02	Total/NA	Air	TO-15	
200-78227-2 - DL	HA-SV-02	Total/NA	Air	TO-15	
MB 200-216847/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-216847/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

Client Sample ID: HA-SV-01

Lab Sample ID: 200-78227-1

Date Collected: 06/02/25 11:50

Matrix: Air

Date Received: 06/03/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	216847	K1P	EET BUR	06/04/25 12:20
Total/NA	Analysis	TO-15	DL	10	216847	K1P	EET BUR	06/04/25 13:11

Client Sample ID: HA-SV-02

Lab Sample ID: 200-78227-2

Date Collected: 06/02/25 11:35

Matrix: Air

Date Received: 06/03/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	216847	K1P	EET BUR	06/04/25 14:02
Total/NA	Analysis	TO-15	DL	2	216847	K1P	EET BUR	06/04/25 14:54

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.
Job ID: 200-78227-1
Project/Site: 122 Bruckner Blvd, Bronx, NY

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	03-31-26

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: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

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: 122 Bruckner Blvd, Bronx, NY

Job ID: 200-78227-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-78227-1	HA-SV-01	Air	06/02/25 11:50	06/03/25 10:30	Air Canister (6-Liter) #4451
200-78227-2	HA-SV-02	Air	06/02/25 11:35	06/03/25 10:30	Air Canister (6-Liter) #4875

NYC 222

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

eurofins | Environment Testing America

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660 1990 fax 802.660.1919

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** M. Conlon	**Samples Collected By:** J. Musto
Company Name: Haley Aldrich of New York	**Phone:**	
Address: 213 W 35th St	**Email:** MConlon@HaleyAldrich.com; NMooney@HaleyAldrich.com	
City/State/Zip: New York New York		
Phone:	**Site Contact:** N. Mooney	
FAX:	**Tel/Fax**	
Project Name: 122 Bruckner Blvd	**Analysis Turnaround Time**	
Site/Location: Bronx NY	Standard (Specific):	
PO # 0213675-000-001-01	Rush (Specifiy): 3 DAY TAT	

COC No: _____ of _____ COCs

TALS Project #:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No..

(See below for Add'l Items)

Please Rush 3 DAY TAT

Sample Specific Notes:

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14A (15) Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)
HA-SV01	6/2/25	9:50	11:50	6/2/25	-29	-7	3857	4451	X									X			
HA-SV02	6/2/25	9:55	11:35	6/2/25	-30	-4	2703	4875	X									X			

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

200-78227 Chain of Custody

Loc: 200
78227

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	**Date / Time:**	**Samples Received by:**	
Samples Relinquished by:	**Date / Time:** 6/2/25 12:40	**Received by:**	6/2/25 12:40 Fedex
Relinquished by:	**Date / Time:** 6/2/25 1700	**Received by:**	6/3/2025 10:30 TAR(R)

Lab Use Only: **Shipper Name:** **Opened by:** **Condition**

ORIGIN ID:NYSM (646) 630-1481
AJAY SINGH

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

SHIP DATE: 02JUN25
ACTWGT: 20.00 LB
CAD: 112977992/INET4535

BILL RECIPIENT

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

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

58GJ4/5572/59F2

FedEx Express

J252025040801uv

TUE - 03 JUN 10:30A
PRIORITY OVERNIGHT

TRK# 0201 8817 1421 9829

05403
VT-US BTV

NS BTVA

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1 Fold the printed page along the horizontal line
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Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 200-78227-1

Login Number: 78227
List Number: 1
Creator: Lavigne III, Scott N

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.	True	
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.	N/A	
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	

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

Lab Name: Eurofins Burlington Job No.: 200-77191-1

SDG No.:

Client Sample ID: 4280 Lab Sample ID: 200-77191-6

Matrix: Air Lab File ID: 64206-05.D

Analysis Method: TO-15 Date Collected: 03/05/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/08/2025 14:02

Soil Aliquot Vol: Dilution Factor: 0.25

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.: 214122 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHX.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.3	U	1.3	1.3
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.13
75-45-6	Freon 22	0.13	U	0.13	0.13
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.050
74-87-3	Chloromethane	0.13	U	0.13	0.13
106-97-8	n-Butane	0.13	U	0.13	0.13
75-01-4	Vinyl chloride	0.035	U	0.035	0.035
106-99-0	1,3-Butadiene	0.050	U	0.050	0.050
74-83-9	Bromomethane	0.050	U	0.050	0.050
75-00-3	Chloroethane	0.13	U	0.13	0.13
593-60-2	Bromoethene(Vinyl Bromide)	0.050	U	0.050	0.050
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.050
64-17-5	Ethanol	1.3	U	1.3	1.3
76-13-1	Freon TF	0.050	U	0.050	0.050
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.035
67-64-1	Acetone	1.3	U	1.3	1.3
67-63-0	Isopropyl alcohol	1.3	U	1.3	1.3
75-15-0	Carbon disulfide	0.13	U	0.13	0.13
107-05-1	3-Chloropropene	0.13	U	0.13	0.13
75-09-2	Methylene Chloride	0.13	U	0.13	0.13
75-65-0	tert-Butyl alcohol	1.3	U	1.3	1.3
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.050
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.050
110-54-3	n-Hexane	0.13	U	0.13	0.13
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	1.3
141-78-6	Ethyl acetate	1.3	U	1.3	1.3
78-93-3	Methyl Ethyl Ketone	0.13	U	0.13	0.13
156-59-2	cis-1,2-Dichloroethene	0.035	U	0.035	0.035
540-59-0	1,2-Dichloroethene, Total	0.10	U	0.10	0.10
67-66-3	Chloroform	0.050	U	0.050	0.050
109-99-9	Tetrahydrofuran	1.3	U	1.3	1.3

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

Lab Name: Eurofins Burlington Job No.: 200-77191-1

SDG No.:

Client Sample ID: 4280 Lab Sample ID: 200-77191-6

Matrix: Air Lab File ID: 64206-05.D

Analysis Method: TO-15 Date Collected: 03/05/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/08/2025 14:02

Soil Aliquot Vol: Dilution Factor: 0.25

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.: 214122 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHX.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.050
110-82-7	Cyclohexane	0.050	U	0.050	0.050
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.035
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.050
71-43-2	Benzene	0.050	U	0.050	0.050
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.050
142-82-5	n-Heptane	0.050	U	0.050	0.050
79-01-6	Trichloroethene	0.035	U	0.035	0.035
80-62-6	Methyl methacrylate	0.13	U	0.13	0.13
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.050
123-91-1	1,4-Dioxane	1.3	U	1.3	1.3
75-27-4	Bromodichloromethane	0.050	U	0.050	0.050
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.050
108-10-1	methyl isobutyl ketone	0.13	U	0.13	0.13
108-88-3	Toluene	0.050	U	0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.050
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.050
127-18-4	Tetrachloroethene	0.050	U	0.050	0.050
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.13	0.13
124-48-1	Dibromochloromethane	0.050	U	0.050	0.050
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.050
108-90-7	Chlorobenzene	0.050	U	0.050	0.050
100-41-4	Ethylbenzene	0.050	U	0.050	0.050
179601-23-1	m,p-Xylene	0.13	U	0.13	0.13
95-47-6	Xylene, o-	0.050	U	0.050	0.050
1330-20-7	Xylene (total)	0.18	U	0.18	0.18
100-42-5	Styrene	0.050	U	0.050	0.050
75-25-2	Bromoform	0.050	U	0.050	0.050
98-82-8	Cumene	0.050	U	0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
103-65-1	n-Propylbenzene	0.050	U	0.050	0.050
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.050

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

Lab Name: Eurofins Burlington Job No.: 200-77191-1

SDG No.:

Client Sample ID: 4280 Lab Sample ID: 200-77191-6

Matrix: Air Lab File ID: 64206-05.D

Analysis Method: TO-15 Date Collected: 03/05/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/08/2025 14:02

Soil Aliquot Vol: Dilution Factor: 0.25

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.: 214122 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHX.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.050
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.050
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.050
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.050
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.050
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.050
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.050
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.050
100-44-7	Benzyl chloride	0.050	U	0.050	0.050
104-51-8	n-Butylbenzene	0.050	U	0.050	0.050
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.050
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.13
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.050
91-20-3	Naphthalene	0.13	U	0.13	0.13

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-05.D
Lims ID: 200-77191-A-6
Client ID: 4280
Sample Type: Client
Inject. Date: 08-Mar-2025 14:02:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064206-005
Misc. Info.: |77191-6
Operator ID: wrd Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Mar-2025 10:33:16 Calib Date: 28-Feb-2025 12:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20250227-64128.b\64128-22.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: F7XK Date: 10-Mar-2025 10:33:16

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.233				ND	7
	3 Dichlorodifluoromethane	85		4.329				ND	
	4 Chlorodifluoromethane	51		4.372				ND	
	5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.682				ND	
	6 Chloromethane	50		4.800				ND	
	7 Vinyl chloride	62		5.099				ND	
	8 Butane	43		5.105				ND	7
	9 Butadiene	54		5.217				ND	
	10 Bromomethane	94		5.912				ND	
	12 Chloroethane	64		6.174				ND	
	14 Vinyl bromide	106		6.597				ND	
	15 Trichlorofluoromethane	101		6.758				ND	
	17 Ethanol	45	7.234	7.180	0.054	90	1079	0.1238	
	20 1,1-Dichloroethene	96		7.806				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.849				ND	
	22 Acetone	43		7.908				ND	7
	24 Carbon disulfide	76	8.213	8.207	0.006	98	3953	0.0742	
	23 Isopropyl alcohol	45	8.298	8.239	0.059	97	2922	0.1039	
	27 3-Chloro-1-propene	41		8.496				ND	
	28 Methylene Chloride	49		8.726				ND	7
	29 2-Methyl-2-propanol	59		9.015				ND	
	32 trans-1,2-Dichloroethene	61		9.218				ND	
	31 Methyl tert-butyl ether	73		9.245				ND	
S	33 1,2-Dichloroethene, Total	61		9.665				ND	7
	34 Hexane	57		9.721				ND	7
	36 1,1-Dichloroethane	63		9.973				ND	
	35 Vinyl acetate	43		9.989				ND	
	37 2-Butanone (MEK)	72		10.946				ND	
	38 cis-1,2-Dichloroethene	96		10.957				ND	
	39 Ethyl acetate	88		11.027				ND	
*	40 Chlorobromomethane	128	11.364	11.364	0.000	89	123852	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.428				ND	
	42 Chloroform	83		11.540				ND	
	43 1,1,1-Trichloroethane	97		11.840				ND	
	44 Cyclohexane	84		11.974				ND	
	45 Carbon tetrachloride	117		12.118				ND	
	46 Benzene	78		12.455				ND	
	47 1,2-Dichloroethane	62		12.530				ND	
	48 Isooctane	57		12.674				ND	
	49 n-Heptane	43		12.979				ND	7
*	50 1,4-Difluorobenzene	114	13.188	13.188	0.000	94	597856	10.0	
	52 Trichloroethene	95		13.621				ND	
	55 1,2-Dichloropropane	63		14.065				ND	
	56 Methyl methacrylate	69		14.167				ND	
	58 Dibromomethane	174		14.226				ND	
	57 1,4-Dioxane	88		14.258				ND	
	59 Dichlorobromomethane	83		14.536				ND	
	60 cis-1,3-Dichloropropene	75		15.333				ND	
	62 4-Methyl-2-pentanone (MIBK)	43		15.617				ND	
	63 Toluene	92		15.970				ND	
	67 trans-1,3-Dichloropropene	75		16.382				ND	
	68 1,1,2-Trichloroethane	83		16.756				ND	
	69 Tetrachloroethene	166		16.959				ND	
	70 2-Hexanone	43		17.200				ND	
	71 Chlorodibromomethane	129		17.489				ND	
	72 Ethylene Dibromide	107		17.719				ND	
*	73 Chlorobenzene-d5	117	18.634	18.634	0.000	85	376951	10.0	
	74 Chlorobenzene	112		18.693				ND	
	75 Ethylbenzene	91		18.885				ND	
	76 m-Xylene & p-Xylene	106		19.142				ND	
S	78 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		19.918				ND	
	80 Styrene	104		19.950				ND	
	81 Bromoform	173		20.303				ND	
	82 Isopropylbenzene	105		20.624				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.154				ND	
	85 N-Propylbenzene	91		21.352				ND	
	86 2-Chlorotoluene	91		21.496				ND	
	87 4-Ethyltoluene	105		21.549				ND	7
	88 1,3,5-Trimethylbenzene	105		21.646				ND	7
	91 tert-Butylbenzene	119		22.127				ND	
	92 1,2,4-Trimethylbenzene	105		22.218				ND	
	93 sec-Butylbenzene	105		22.454				ND	
	94 1,3-Dichlorobenzene	146		22.630				ND	7
	95 4-Isopropyltoluene	119		22.673				ND	
	96 1,4-Dichlorobenzene	146		22.769				ND	7
	97 Benzyl chloride	91		22.914				ND	7
	98 n-Butylbenzene	91		23.219				ND	
	99 1,2-Dichlorobenzene	146		23.256				ND	7
	102 1,2,4-Trichlorobenzene	180	25.642	25.637	0.005	77	690	0.0253	
	103 Hexachlorobutadiene	225		25.883				ND	
	104 Naphthalene	128		26.102				ND	MU

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15XISs_00003 Amount Added: 20.00 Units: mL Run Reagent

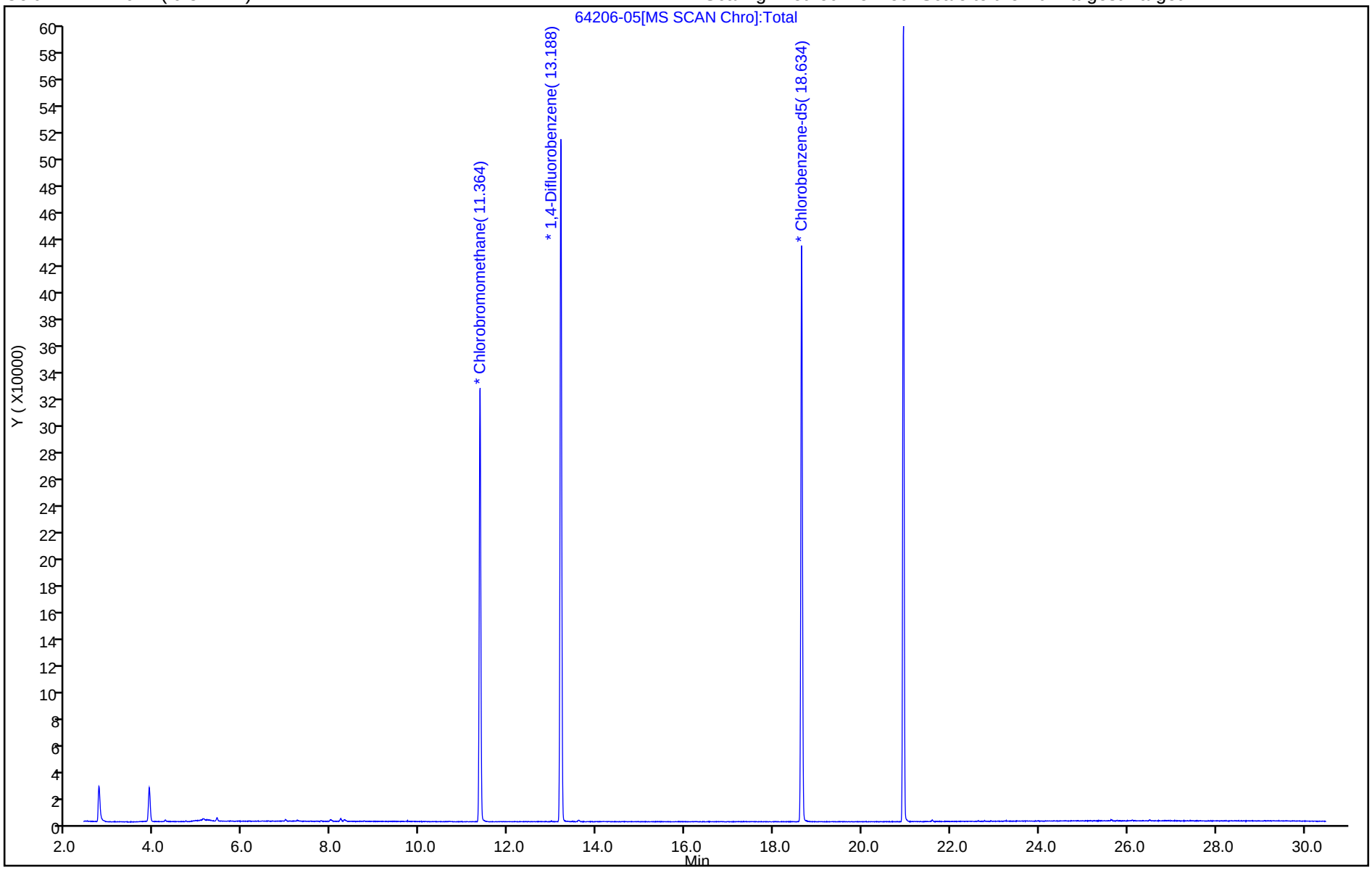
Report Date: 10-Mar-2025 10:33:17 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-05.D

Injection Date:	08-Mar-2025 14:02:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	200-77191-A-6	Lab Sample ID:	200-77191-6	Worklist Smp#:	5
Client ID:	4280				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	4
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



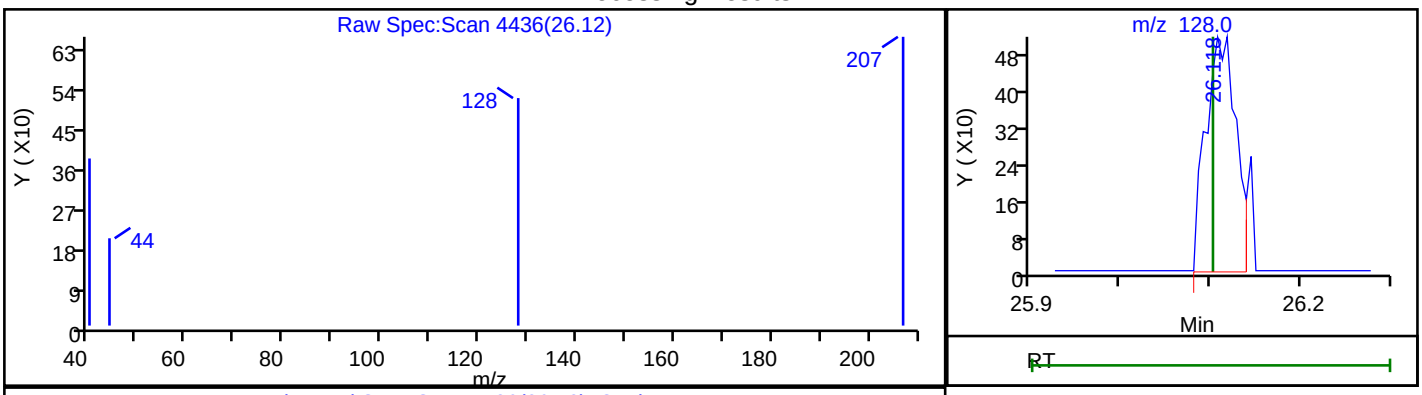
User Disabled Compound Report

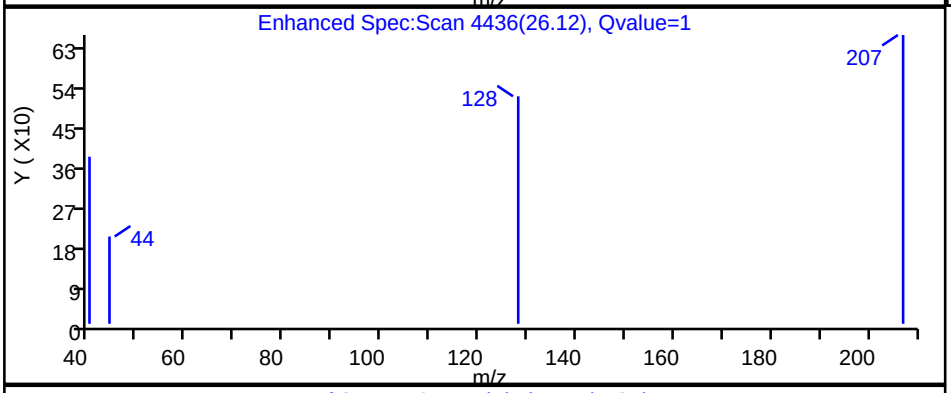
Eurofins Burlington

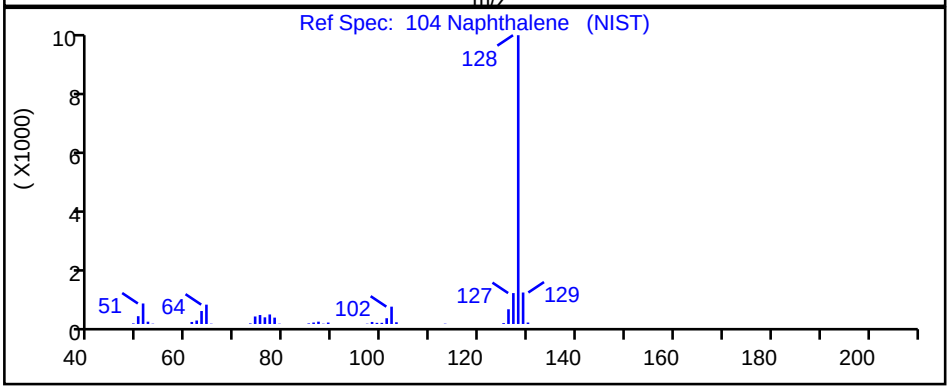
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-05.D				
Injection Date:	08-Mar-2025 14:02:30	Instrument ID:	CHX.i		
Lims ID:	200-77191-A-6	Lab Sample ID:	200-77191-6		
Client ID:	4280				
Operator ID:	wrd	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

104 Naphthalene, CAS: 91-20-3

Processing Results







RT	Mass	Response	Amount
26.12	128.00	1226	0.020671

Reviewer: F7XK, 10-Mar-2025 10:33:13 07:00:00 (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.: 200-77210-1

SDG No.:

Client Sample ID: 4148 Lab Sample ID: 200-77210-7

Matrix: Air Lab File ID: 64206-06.D

Analysis Method: TO-15 Date Collected: 03/06/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/08/2025 15:12

Soil Aliquot Vol: Dilution Factor: 0.25

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.: 214122 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHX.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.3	U	1.3	1.3
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.13
75-45-6	Freon 22	0.13	U	0.13	0.13
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.050
74-87-3	Chloromethane	0.13	U	0.13	0.13
106-97-8	n-Butane	0.13	U	0.13	0.13
75-01-4	Vinyl chloride	0.035	U	0.035	0.035
106-99-0	1,3-Butadiene	0.050	U	0.050	0.050
74-83-9	Bromomethane	0.050	U	0.050	0.050
75-00-3	Chloroethane	0.13	U	0.13	0.13
593-60-2	Bromoethene(Vinyl Bromide)	0.050	U	0.050	0.050
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.050
64-17-5	Ethanol	1.3	U	1.3	1.3
76-13-1	Freon TF	0.050	U	0.050	0.050
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.035
67-64-1	Acetone	1.3	U	1.3	1.3
67-63-0	Isopropyl alcohol	1.3	U	1.3	1.3
75-15-0	Carbon disulfide	0.13	U	0.13	0.13
107-05-1	3-Chloropropene	0.13	U	0.13	0.13
75-09-2	Methylene Chloride	0.13	U	0.13	0.13
75-65-0	tert-Butyl alcohol	1.3	U	1.3	1.3
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.050
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.050
110-54-3	n-Hexane	0.13	U	0.13	0.13
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	1.3
141-78-6	Ethyl acetate	1.3	U	1.3	1.3
78-93-3	Methyl Ethyl Ketone	0.13	U	0.13	0.13
156-59-2	cis-1,2-Dichloroethene	0.035	U	0.035	0.035
540-59-0	1,2-Dichloroethene, Total	0.10	U	0.10	0.10
67-66-3	Chloroform	0.050	U	0.050	0.050
109-99-9	Tetrahydrofuran	1.3	U	1.3	1.3

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

Lab Name: Eurofins Burlington | Job No.: 200-77210-1

SDG No.:

Client Sample ID: 4148 | Lab Sample ID: 200-77210-7

Matrix: Air | Lab File ID: 64206-06.D

Analysis Method: TO-15 | Date Collected: 03/06/2025 00:00

Sample wt/vol: 800(mL) | Date Analyzed: 03/08/2025 15:12

Soil Aliquot Vol: | Dilution Factor: 0.25

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.: 214122 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHX.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.050
110-82-7	Cyclohexane	0.050	U	0.050	0.050
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.035
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.050
71-43-2	Benzene	0.050	U	0.050	0.050
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.050
142-82-5	n-Heptane	0.050	U	0.050	0.050
79-01-6	Trichloroethene	0.035	U	0.035	0.035
80-62-6	Methyl methacrylate	0.13	U	0.13	0.13
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.050
123-91-1	1,4-Dioxane	1.3	U	1.3	1.3
75-27-4	Bromodichloromethane	0.050	U	0.050	0.050
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.050
108-10-1	methyl isobutyl ketone	0.13	U	0.13	0.13
108-88-3	Toluene	0.050	U	0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.050
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.050
127-18-4	Tetrachloroethene	0.050	U	0.050	0.050
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.13	0.13
124-48-1	Dibromochloromethane	0.050	U	0.050	0.050
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.050
108-90-7	Chlorobenzene	0.050	U	0.050	0.050
100-41-4	Ethylbenzene	0.050	U	0.050	0.050
179601-23-1	m,p-Xylene	0.13	U	0.13	0.13
95-47-6	Xylene, o-	0.050	U	0.050	0.050
1330-20-7	Xylene (total)	0.18	U	0.18	0.18
100-42-5	Styrene	0.050	U	0.050	0.050
75-25-2	Bromoform	0.050	U	0.050	0.050
98-82-8	Cumene	0.050	U	0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
103-65-1	n-Propylbenzene	0.050	U	0.050	0.050
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.050

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

Lab Name: Eurofins Burlington Job No.: 200-77210-1

SDG No.:

Client Sample ID: 4148 Lab Sample ID: 200-77210-7

Matrix: Air Lab File ID: 64206-06.D

Analysis Method: TO-15 Date Collected: 03/06/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/08/2025 15:12

Soil Aliquot Vol: Dilution Factor: 0.25

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.: 214122 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHX.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.050
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.050
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.050
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.050
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.050
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.050
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.050
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.050
100-44-7	Benzyl chloride	0.050	U	0.050	0.050
104-51-8	n-Butylbenzene	0.050	U	0.050	0.050
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.050
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.13
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.050
91-20-3	Naphthalene	0.13	U	0.13	0.13

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-06.D
Lims ID: 200-77210-A-7
Client ID: 4148
Sample Type: Client
Inject. Date: 08-Mar-2025 15:12:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064206-006
Misc. Info.: 77210-7
Operator ID: wrd Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Mar-2025 10:35:15 Calib Date: 28-Feb-2025 12:24:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20250227-64128.b\64128-22.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: F7XK Date: 10-Mar-2025 10:35:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.233				ND	
	3 Dichlorodifluoromethane	85		4.329				ND	
	4 Chlorodifluoromethane	51		4.372				ND	
	5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.682				ND	
	6 Chloromethane	50		4.800				ND	
	7 Vinyl chloride	62		5.099				ND	
	8 Butane	43		5.105				ND	7
	9 Butadiene	54		5.217				ND	
	10 Bromomethane	94		5.912				ND	
	12 Chloroethane	64		6.174				ND	
	14 Vinyl bromide	106		6.597				ND	
	15 Trichlorofluoromethane	101		6.758				ND	
	17 Ethanol	45		7.180				ND	MU
	20 1,1-Dichloroethene	96		7.806				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.849				ND	
	22 Acetone	43		7.908				ND	7
	24 Carbon disulfide	76	8.218	8.207	0.011	98	4713	0.0901	
	23 Isopropyl alcohol	45	8.304	8.239	0.065	97	3078	0.1115	
	27 3-Chloro-1-propene	41		8.496				ND	
	28 Methylene Chloride	49		8.726				ND	MU
	29 2-Methyl-2-propanol	59		9.015				ND	
	32 trans-1,2-Dichloroethene	61		9.218				ND	
	31 Methyl tert-butyl ether	73		9.245				ND	
S	33 1,2-Dichloroethene, Total	61		9.665				ND	7
	34 Hexane	57		9.721				ND	
	36 1,1-Dichloroethane	63		9.973				ND	
	35 Vinyl acetate	43		9.989				ND	
	37 2-Butanone (MEK)	72		10.946				ND	
	38 cis-1,2-Dichloroethene	96		10.957				ND	
	39 Ethyl acetate	88		11.027				ND	
*	40 Chlorobromomethane	128	11.364	11.364	0.000	89	121526	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Tetrahydrofuran	42		11.428				ND	
	42 Chloroform	83		11.540				ND	
	43 1,1,1-Trichloroethane	97		11.840				ND	
	44 Cyclohexane	84		11.974				ND	
	45 Carbon tetrachloride	117		12.118				ND	
	46 Benzene	78		12.455				ND	
	47 1,2-Dichloroethane	62		12.530				ND	
	48 Isooctane	57		12.674				ND	
	49 n-Heptane	43		12.979				ND	
*	50 1,4-Difluorobenzene	114	13.193	13.188	0.005	94	591649	10.0	
	52 Trichloroethene	95		13.621				ND	
	55 1,2-Dichloropropane	63		14.065				ND	
	56 Methyl methacrylate	69		14.167				ND	
	58 Dibromomethane	174		14.226				ND	
	57 1,4-Dioxane	88		14.258				ND	
	59 Dichlorobromomethane	83		14.536				ND	
	60 cis-1,3-Dichloropropene	75		15.333				ND	
	62 4-Methyl-2-pentanone (MIBK)	43		15.617				ND	
	63 Toluene	92		15.970				ND	
	67 trans-1,3-Dichloropropene	75		16.382				ND	
	68 1,1,2-Trichloroethane	83		16.756				ND	
	69 Tetrachloroethene	166		16.959				ND	
	70 2-Hexanone	43		17.200				ND	
	71 Chlorodibromomethane	129		17.489				ND	
	72 Ethylene Dibromide	107		17.719				ND	
*	73 Chlorobenzene-d5	117	18.634	18.634	0.000	85	349635	10.0	
	74 Chlorobenzene	112		18.693				ND	
	75 Ethylbenzene	91		18.885				ND	7
	76 m-Xylene & p-Xylene	106		19.142				ND	
S	78 Xylenes, Total	106		19.600				ND	7
	79 o-Xylene	106		19.918				ND	
	80 Styrene	104		19.950				ND	
	81 Bromoform	173		20.303				ND	
	82 Isopropylbenzene	105		20.624				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.154				ND	
	85 N-Propylbenzene	91		21.352				ND	
	86 2-Chlorotoluene	91		21.496				ND	
	87 4-Ethyltoluene	105		21.549				ND	
	88 1,3,5-Trimethylbenzene	105		21.646				ND	
	91 tert-Butylbenzene	119		22.127				ND	
	92 1,2,4-Trimethylbenzene	105		22.218				ND	
	93 sec-Butylbenzene	105		22.454				ND	
	94 1,3-Dichlorobenzene	146		22.630				ND	7
	95 4-Isopropyltoluene	119		22.673				ND	
	96 1,4-Dichlorobenzene	146		22.769				ND	7
	97 Benzyl chloride	91		22.914				ND	
	98 n-Butylbenzene	91		23.219				ND	
	99 1,2-Dichlorobenzene	146		23.256				ND	
	102 1,2,4-Trichlorobenzene	180		25.637				ND	
	103 Hexachlorobutadiene	225		25.883				ND	
	104 Naphthalene	128		26.102				ND	MU

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15XISs_00003 Amount Added: 20.00 Units: mL Run Reagent

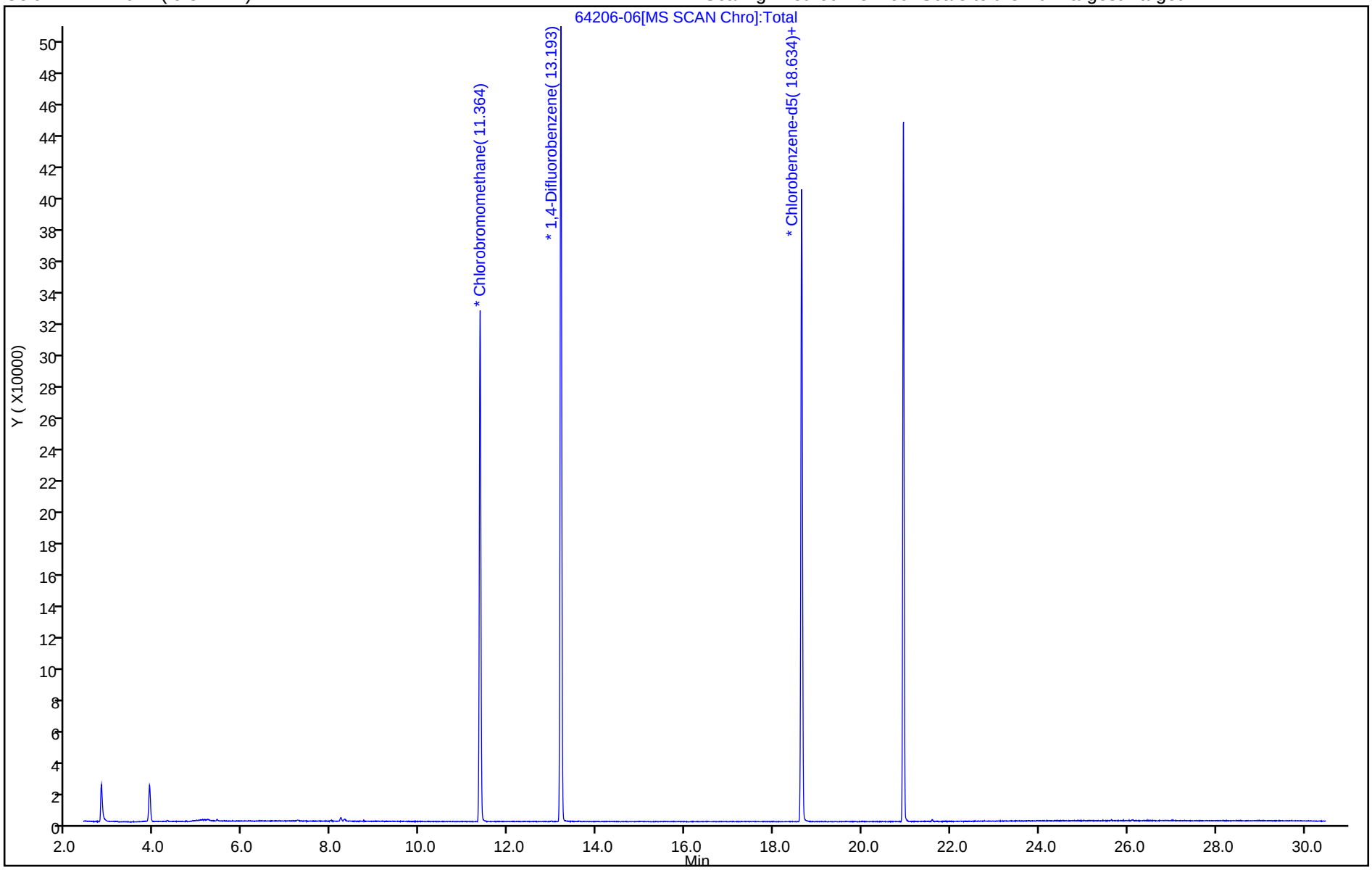
Report Date: 10-Mar-2025 10:35:16 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-06.D

Injection Date:	08-Mar-2025 15:12:30	Instrument ID:	CHX.i	Operator ID:	wrd
Lims ID:	200-77210-A-7	Lab Sample ID:	200-77210-7	Worklist Smp#:	6
Client ID:	4148				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	5
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



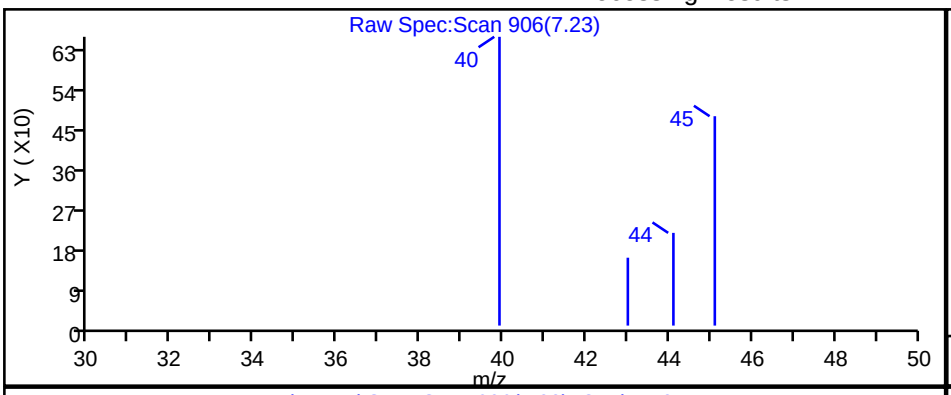
User Disabled Compound Report

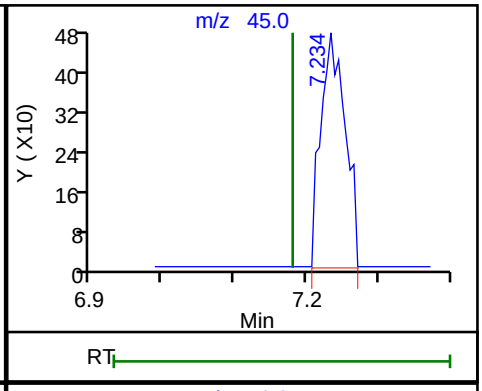
Eurofins Burlington

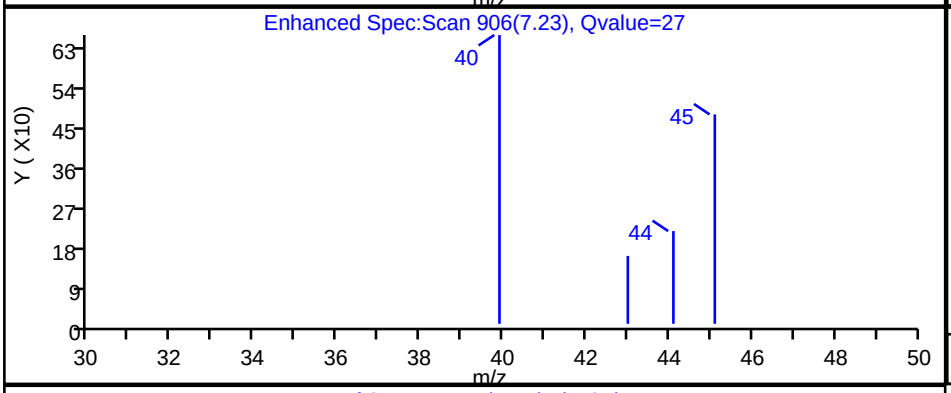
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-06.D				
Injection Date:	08-Mar-2025 15:12:30	Instrument ID:	CHX.i		
Lims ID:	200-77210-A-7	Lab Sample ID:	200-77210-7		
Client ID:	4148				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

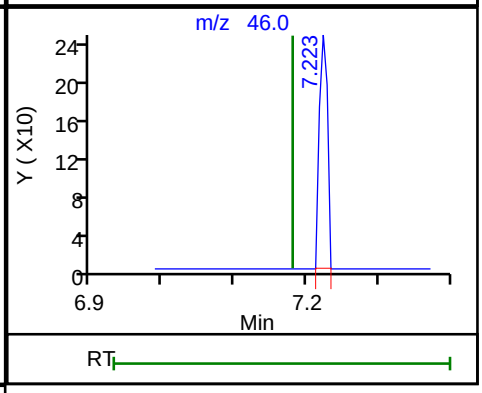
17 Ethanol, CAS: 64-17-5

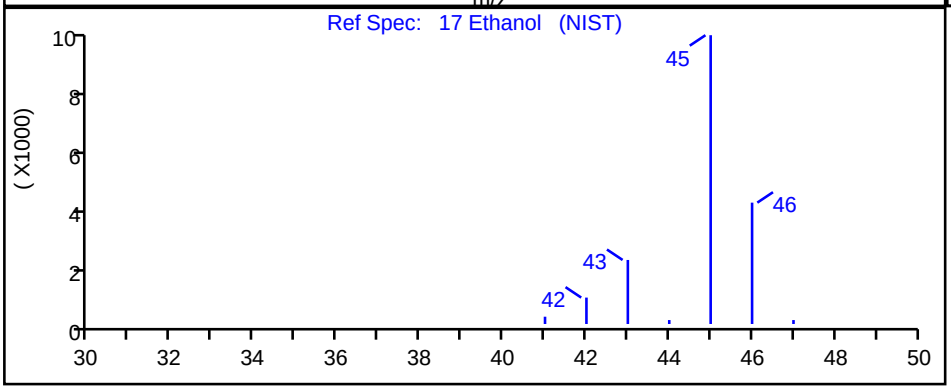
Processing Results











RT	Mass	Response	Amount
7.23	45.00	1117	0.130606
7.22	46.00	194	

Reviewer: F7XK, 10-Mar-2025 10:33:46 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

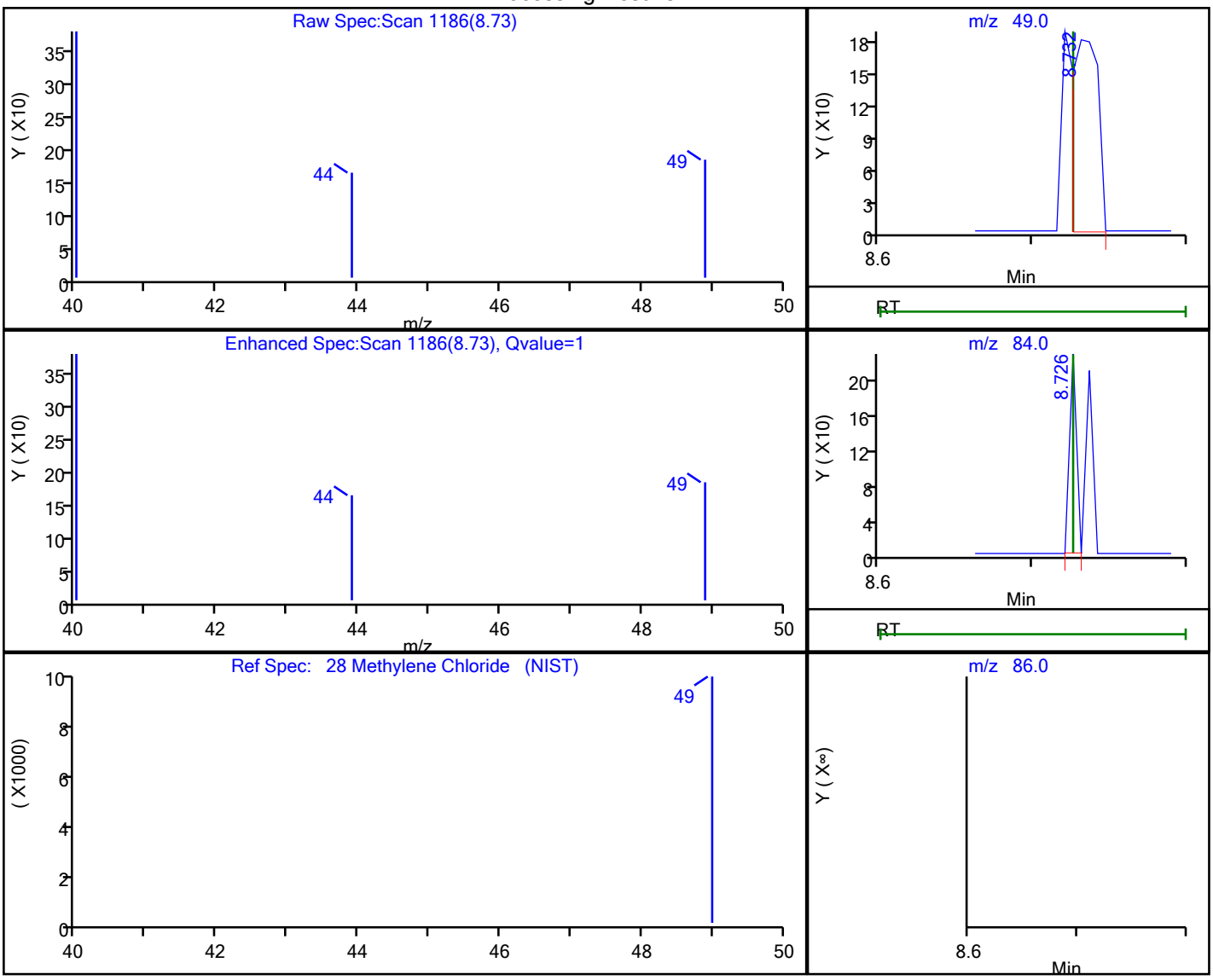
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-06.D				
Injection Date:	08-Mar-2025 15:12:30	Instrument ID:	CHX.i		
Lims ID:	200-77210-A-7	Lab Sample ID:	200-77210-7		
Client ID:	4148				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

28 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
8.73	49.00	215	0.011350
8.73	84.00	73	
8.73	86.00	0	

Reviewer: F7XK, 10-Mar-2025 10:34:08 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

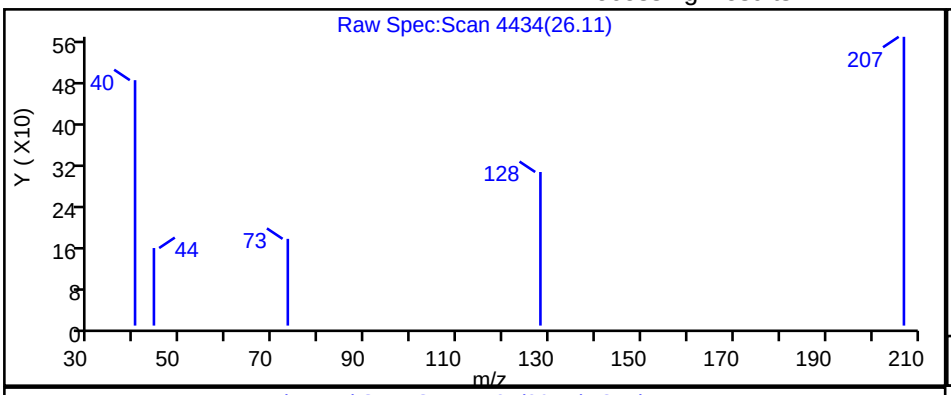
User Disabled Compound Report

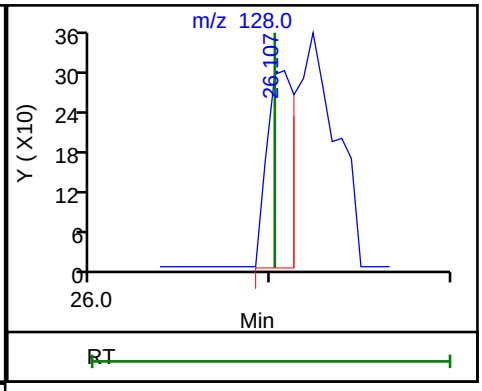
Eurofins Burlington

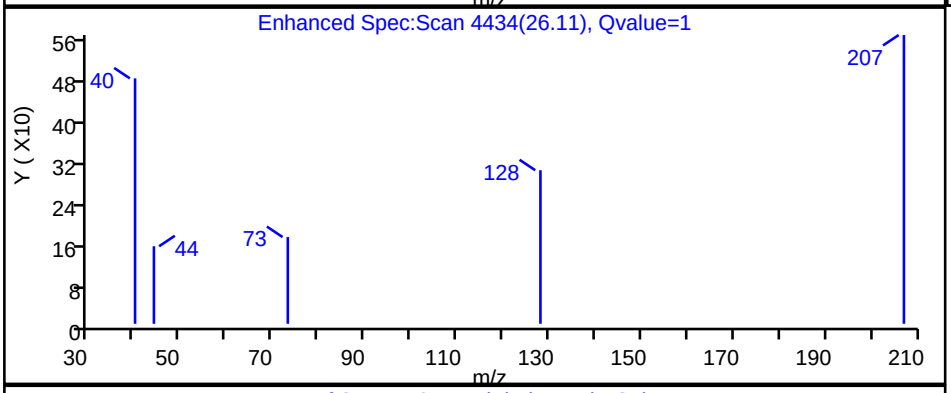
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20250308-64206.b\64206-06.D				
Injection Date:	08-Mar-2025 15:12:30	Instrument ID:	CHX.i		
Lims ID:	200-77210-A-7	Lab Sample ID:	200-77210-7		
Client ID:	4148				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

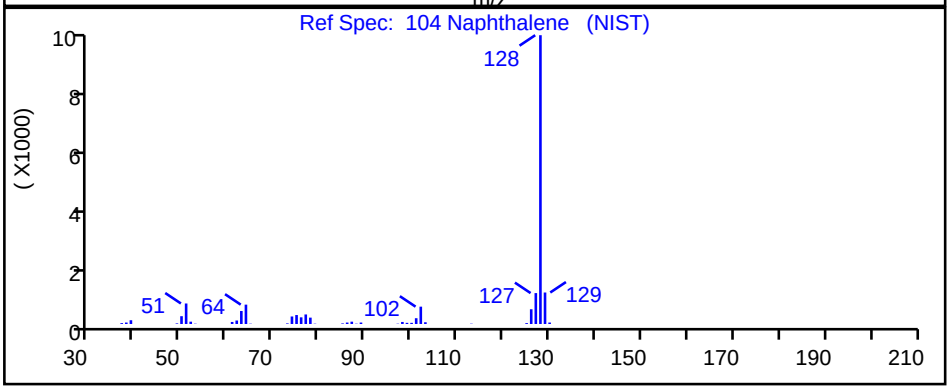
104 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
26.11	128.00	328	0.005962

Reviewer: F7XK, 10-Mar-2025 10:35:12 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID