REMEDIAL INVESTIGATION REPORT
FOR
9 NORTH 15th STREET
BROOKLYN, NEW YORK 11122

PREPARED FOR:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
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LAUREL PROJECT# 21-435

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1.0 INTRODUCTION

Laurel Environmental Geosciences, D.P.C. ("***Laurel***") was retained by Seen Media Group to prepare this Remedial Investigation Report for the property located at 9 North 15th Street, Brooklyn, New York ("Site"). The purpose of the remedial investigation was to determine the horizontal and vertical extent of halogenated solvents documented in the subsurface during ***Laurel***'s Limited Phase II Subsurface Investigation. The Site location and pertinent surrounding sites are shown on Figure 1.0 of this report. A photo log documenting the remedial investigation is included as Appendix A.

1.1 SITE BACKGROUND

Laurel previously conducted a Phase I Environmental Site Assessment ("ESA") at the Site, report dated January 7, 2022, which identified the following recognized environmental conditions ("RECs") that pertain to this Remedial Investigation:

- The Site was historically part of V E 2 Plating Company, a historic large quantity hazardous waste generator. The former V E 2 Plating Company occupied by the buildings from 7-11 North 15th Street from circa 1976 through circa 1995. The former V E 2 Plating Company is listed as having generated wastes including: not defined (D000), corrosive waste (D002), chromium (D007), lead (D008), spent cyanide plating bath solutions from electroplating solutions (F007), plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process (F008), and spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process (F009).

Based on the RECs identified in the Phase I ESA, ***Laurel*** conducted a Limited Phase II Subsurface Investigation at the Site, report dated February 22, 2022, which documented halogenated solvents in the subsurface soils, groundwater, and soil vapor that indicate the potential exists for historic on-site disposal of hazardous wastes. The following laboratory analytical results pertain to this Remedial Investigation:

- Elevated levels of halogenated solvents were found in the subsurface soils located in the center of the Site at a depth of 5 feet below ground surface ("bgs");
- Elevated levels of halogenated solvents were found in the groundwater on the northern and central portions of the Site; and
- Halogenated solvents were found in sub-slab soil vapor at concentrations requiring mitigation according to the New York State Department of Health ("NYSDOH") Decision Matrices.

Based on the findings of the Phase II investigation, the chemicals of concern ("COC") at the Site are cis-1,2-dichloroethylene ("cis-1,2-DCE"), tetrachloroethylene ("PCE"), trichloroethylene ("TCE"), and vinyl chloride ("VC").

1.2 GEOPHYSICAL INVESTIGATION

A geophysical investigation was conducted by ***Laurel*** throughout the Site to pre-clear boring locations and identify any subsurface anomalies that may be of environmental concern. No subsurface anomalies were identified during the geophysical investigation.

The geophysical investigation determined that the roof drains are currently connected to a series of three (3) floor drains located centrally in the Site Building, which then discharge into the public sewer on North 15th Street. Two (2) subsurface electrical signals were also identified to the north of the floor drains and should be disabled prior to any trenching or excavation in this area. The interior layout of the Site Building is shown on Figure 2.0 of this report.

2.0 GROUNDWATER INVESTIGATION

To assess groundwater conditions at the Site, four (4) permanent groundwater monitoring wells were installed along the perimeters of the Site (MW-1 through MW-4), and two (2) permanent groundwater monitoring wells were installed in the sidewalk immediately hydraulically upgradient of the Site (MW-5 and MW-6). The wells were set to a depth of 20 feet below ground surface ("bgs"), with groundwater encountered at approximately 9 feet bgs throughout the Site. The monitoring wells were constructed from 2" PVC, with 15-feet of slotted screen set 10-feet below the groundwater interface and 5 feet above. Each monitoring well was finished with a locking plug and a flush-mounted well box set in concrete. The annular space of each monitoring well was filled with sand pack to 1-foot below grade and finished with concrete. The monitoring well construction diagrams are included in Appendix B.

2.1 GROUNDWATER CONTOUR MAP

After installation of the monitoring wells, each well was developed by purging approximately 5-gallons of water. Each monitoring well was then allowed to reach equilibrium over a period of 24 hours. Groundwater elevation readings were then recorded from each monitoring well with a sonic groundwater interface probe. The groundwater readings are included in Appendix C.

Laurel surveyed each permanent monitoring well location and compared the groundwater elevation readings to a common, random datum, to create a Site-specific groundwater contour map. The Site-specific groundwater flow direction was determined to be towards the west. The groundwater contour map is shown on Figure 3.0 of this report.

2.2 GROUNDWATER LABORATORY RESULTS

Each permanent groundwater monitoring well was purged of a minimum of 3 times the casing volume utilizing low-flow sampling procedures to establish connection to the surrounding aquifer. Turbidity readings were collected at 5-minute intervals with readings of less than 50 nominal turbidity units ("NTUs") to demonstrate the stability of the connection. Each monitoring well was sampled for volatile organic compounds ("VOCs") utilizing United States Environmental Protection Agency ("USEPA") Method 8260. Additionally, the monitoring wells MW-2, MW-4, and MW-6 were analyzed for the presence of polyfluorinated compounds ("PFCs") utilizing USEPA Method 537M. All samples were placed into laboratory-supplied containers, stored on ice, and shipped via laboratory courier to York Analytical Laboratories ("York"), a New York State Department of Health ("NYSDOH") accredited Environmental Laboratory, under chain of custody procedures.

No compounds were detected in MW-1, MW-2, MW-5, or MW-6 in exceedance of the New York State Department of Environmental Conservation ("NYSDEC") Technical and Operational Guidance Series ("TOGS") Values for Class GA Groundwater. In MW-3 and MW-4, cis-1,2-DCE and VC were detected at concentrations exceeding the NYSDEC TOGS Values for Class GA Groundwater. In addition, TCE was detected in MW-4 at concentrations exceeding the NYSDEC TOGS Values for Class GA Groundwater. No COCs were found to be migrating off-Site in groundwater. The concentrations of COCs are summarized on Figure 4.0 of this report. The laboratory results are summarized in Table I below and the complete laboratory data package is included in Appendix D.

Table I: VOCs Detected in Groundwater Samples

Sample ID	NYSDEC TOGS - Class GA	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260 Full	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Dilution Factor		1		1		1		1		1		1	
1,1-Dichloroethane	5	0.2	U	0.2	U	0.7		0.5		0.2	U	0.2	U
Acetone	50	1.0	U	2.8		1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethylene	5	0.2	U	0.2	U	**27**		**6.1**		0.8		1.7	
Cyclohexane	~	0.7		0.4	J	0.8		0.4	J	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	10	0.2	U	0.2	U	0.5		0.2	J	0.2	U	0.2	U
Methylcyclohexane	~	0.2	U	0.2	U	0.2	J	1.6		0.2	U	0.2	U
Methylene chloride	5	1.0	J	1.0	U	1.3	J	1.0	U	1.0	U	1.0	U
o-Xylene	5	0.2	U	0.2	U	0.2	U	0.3	J	0.2	U	0.2	U
sec-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.9		0.2	U	0.2	U
tert-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.5	J	0.2	J	0.2	U
Tetrachloroethylene	5	0.2	U	0.2	U	0.4	J	3.1		0.2	U	0.2	U
Trichloroethylene	5	0.2	U	1.0		1.4		**65**		0.2	J	0.3	J
Vinyl Chloride	2	0.2	U	0.2	U	**55**		**2.0**		1.2		1.2	

Note:
Yellow=exceeds NYSDEC TOGS Values for Class GA Groundwater
µg/L=micrograms per liter
Q is the qualifier column, where:
J=analyte detected at or above the method detection limit but below the reporting limit – data is estimated.
U=analyte not detected at or above the level indicated

Several PFCs were detected at concentrations exceeding the NYSDEC Part 375 Proposed Remedial Guidance Values for Polyfluoroalkyl Substances ("PFAS") in each of the monitoring wells. In general, concentrations of PFCs were higher migrating onto the Site than leaving the Site, indicating that the Site is not contributing significantly to PFAS contamination in local groundwater. The emerging contaminants data is shown on Figure 5.0 of this report. The laboratory results are summarized in Table II below and the complete laboratory data package is included in Appendix D.

Table II: PFCs Detected in Groundwater Samples

Sample ID	NYSDEC Part 375 PFAS Remedial Guidance Values	MW-2		MW-4		MW-6	
Compound		Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List	ng/L	ng/L		ng/L		ng/L	
Dilution Factor		10		10		20	
Perfluoro-1-heptanesulfonic acid (PFHpS)	100	13		11		80	D
Perfluorobutanesulfonic acid (PFBS)	100	**383**	D	**170**	D	**2,000**	D
Perfluoroheptanoic acid (PFHpA)	100	5		7		10	
Perfluorohexanesulfonic acid (PFHxS)	100	11		12		90	D
Perfluorohexanoic acid (PFHxA)	100	8		10		15	
Perfluoro-n-butanoic acid (PFBA)	100	36		**351**		27	
Perfluorononanoic acid (PFNA)	100	2		2		2	
Perfluorooctanesulfonic acid (PFOS)	10	**498**	D	**267**	D	**605**	D
Perfluorooctanoic acid (PFOA)	10	**35**		**46**		**63**	
Perfluoropentanoic acid (PFPeA)	100	12		14		6	

Note:
Yellow=exceeds NYSDEC Part 375 PFAS Remedial Guidance Values
ng/L=nanograms per liter
Q is the qualifier column, where:
D=result is from an analysis that required a dilution

3.0 SOIL INVESTIGATION

To delineate the vertical and horizontal extent of halogenated solvents in the subsurface soils, a series of sixteen (16) continuous soil borings were advanced to a depth of 10 feet bgs (DB-1 through DB-16). The soil cores were field screened with a photoionization detector ("PID") for the presence of VOCs, and with visual and olfactory methods for other evidence of contamination. Each soil core was classified and logged in accordance with the United Soil Classification System. The soil beneath the Site was determined to primarily consist of urban fill from current ground surface to 10 feet bgs. The lithologic logs are included in Appendix E.

3.1 SOIL LABORATORY RESULTS

At each soil boring location, one (1) grab sample was collected from the first clean 1-foot interval below any significant PID readings or other evidence of contamination. In absence of any significant PID readings, grab samples were collected from approximately 5 feet bgs at the location of DB-1, DB-2, DB-3, DB-9, and DB-14. All grab samples were analyzed for VOCs by USEPA Method 8260. Additionally, 'worst case' impacted soils from DB-7 and DB-11 were analyzed for the presence of PFCs by USEPA Method 537M. All samples were placed into laboratory-supplied containers, stored on ice, and shipped via laboratory courier to York, a NYSDOH accredited Environmental Laboratory, under chain of custody procedures.

TCE was detected at concentrations exceeding the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives ("SCOs") in subsurface soils in DB-4 at 6 feet bgs, DB-6 at 5 feet bgs, DB-14 at 5 feet bgs, DB-15 at 8 feet bgs, and DB-16 at 6 feet bgs. No other COCs were detected at concentrations exceeding the NYSDEC Part 375 Unrestricted Use SCOs. The concentrations of COCs are summarized on Figure 6.0 of this report. The laboratory results are summarized in Table III below and the complete laboratory data package is included in Appendix D.

Table III: VOCs Detected in Soil Samples

Sample ID	NYSDEC Part 375 UU SCOs	DB-1 @ 5'		DB-2 @ 5'		DB-3 @ 5'		DB-4 @ 6'		DB-5 @ 8'		DB-6 @ 5'	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260 Full	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1000		1		500	
1,1,1-Trichloroethane	0.68	0.00	U	0.01	U	0.01	U	0.01	J	0.00	U	0.01	
1,4-Dichlorobenzene	1.8	0.00	U	0.01	U	0.01	U	0.01	J	0.00	U	0.00	U
2-Butanone	0.12	0.00	U	0.01	U	0.01	U	0.00	U	0.00	U	0.00	J
Acetone	0.05	0.01	J	0.01	U	0.01	U	0.01		0.01	U	0.02	
Chloroform	0.37	0.00	U	0.01	U	0.01	U	0.01	J	0.00	U	0.00	J
cis-1,2-Dichloroethylene	0.25	0.00	U	0.02		0.01	U	0.02		0.01		0.02	
Methylene chloride	0.05	0.02	J	0.03		0.01	J	0.01	U	0.02		0.02	
Tetrachloroethylene	1.3	0.00	U	0.01	J	0.01		0.12		0.12		0.03	
Trichloroethylene	0.47	0.00	U	0.12		0.02		**100**	D	0.19		**66**	D
Sample ID	**NYSDEC Part 375 UU SCOs**	**DB-7 @ 8'**		**DB-8 @ 8'**		**DB-9 @ 5'**		**DB-10 @ 8'**		**DB-11 @ 8'**		**DB-12 @ 8'**	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260 Full	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1	
1,1,1-Trichloroethane	0.68	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
1,4-Dichlorobenzene	1.8	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
2-Butanone	0.12	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
Acetone	0.05	0.01	J	0.01	U	0.01	U	**0.41**	E	0.01	U	0.01	J
Chloroform	0.37	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U	0.00	U
cis-1,2-Dichloroethylene	0.25	0.02		0.03		0.00	U	0.02		0.03		0.03	
Methylene chloride	0.05	0.04		0.02		0.03		0.01	J	0.02		0.03	
Tetrachloroethylene	1.3	0.05		0.17		0.00	U	0.03		0.04		0.08	
Trichloroethylene	0.47	0.14		0.19		0.03		0.12		0.14		0.11	

Note:
Yellow=exceeds NYSDEC Part 375 Unrestricted Use SCOs
mg/Kg=milligrams per kilogram
Q is the qualifier column, where:
D=result is from an analysis that required a dilution
J=analyte detected at or above the method detection limit but below the reporting limit – data is estimated.
U=analyte not detected at or above the level indicated

Table III: VOCs Detected in Soil Samples (continued)

Sample ID	NYSDEC Part 375 UU SCOs	DB-13 @ 7'		DB-14 @ 5'		DB-15 @ 8'		DB-16 @ 6'	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260 Full	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		100		100		200	
1,1,1-Trichloroethane	0.68	0.00	U	0.01		0.00	U	0.00	U
1,4-Dichlorobenzene	1.8	0.00	U	0.00	U	0.00	U	0.00	U
2-Butanone	0.12	0.00	U	0.00	U	0.00	U	0.00	U
Acetone	0.05	0.05		0.01	J	0.01	J	1.30	U
Chloroform	0.37	0.00	U	0.00	J	0.00	U	0.00	U
cis-1,2-Dichloroethylene	0.25	0.03		0.01		0.07		0.06	
Methylene chloride	0.05	0.01	J	0.01	U	0.01	J	0.01	J
Tetrachloroethylene	1.3	0.02		0.01		0.15		0.06	
Trichloroethylene	0.47	0.04		**23**	D	**2.5**	D	**39**	D

Note:
Yellow=exceeds NYSDEC Part 375 Unrestricted Use SCOs
mg/Kg=milligrams per kilogram
Q is the qualifier column, where:
D=result is from an analysis that required a dilution
J=analyte detected at or above the method detection limit but below the reporting limit – data is estimated.
U=analyte not detected at or above the level indicated

In the soil samples analyzed for PFCs, only one (1) analyte was detected: perfluorooctanesulfonic acid ("PFOS") was detected at concentrations exceeding the NYSDEC Part 375 Proposed Remedial Guidance Values for PFAS in both soil samples. The laboratory results are summarized in Table IV below and the complete laboratory data package is included in Appendix D.

Table IV: PFCs Detected in Soil Samples

Sample ID	NYSDEC Part 375 PFAS Remedial Guidance Values	DB-7 PFAS @ 4-6'		DB-11 PFAS @ 4-5'	
Compound		Result	Q	Result	Q
PFAS, NYSDEC Target List	µg/kg	µg/kg		µg/kg	
Dilution Factor		1		1	
Perfluorooctanesulfonic acid (PFOS)	0.88	**4.7**		**9.6**	

Note:
Yellow=exceeds NYSDEC Part 375 PFAS Remedial Guidance Values
µg/kg=micrograms per kilogram

3.2 WASTE CHARACTERIZATION

In anticipation of future remedial activities, two (2) sets of waste characterization samples were collected. Impacted soils from each of the sixteen (16) soil cores were composited and sampled for non-VOCs. Two (2) "worst case" grab samples were collected for VOC analysis (from DB-11 and DB-12). The waste characterization sampling confirmed that halogenated solvents including PCE and TCE are present in subsurface soils at elevated concentrations. Several petroleum semi-volatile organic compounds ("SVOCs"), heavy metals, and cyanide were also detected in the composite samples at concentrations exceeding the NYSDEC Part 375 Unrestricted Use SCOs. The complete laboratory data package is included in Appendix D.

4.0 CONCEPTUAL SITE MODEL

Pursuant to DER-10, a conceptual site model ("CSM") has been prepared to develop a general understanding of the Site and evaluate potential human exposure pathways and impacts to the environment. The CSM considers Site history and context, including the factors that influence distribution, and fate and transport of remedy-relevant constituents, as well as potential receptors and pathways for exposure. These factors include potential sources and release mechanisms, the physical-chemical mechanisms that control constituent fate and transport, and the likely exposure pathways that govern the potential for adverse effects to human and ecological receptors. The CSM will be used to identify remedy relevant data gaps that will be addressed as part of the remedial action.

4.1 POTENTIAL SOURCES

Halogenated solvents, including cis-1,2-DCE, PCE, TCE, and VC have been detected in soil, groundwater, and soil vapor at the Site. The Remedial Investigation has identified concentrations of the COCs highest in proximity to the network of subsurface floor drains present in the Site Building. It is possible that the subsurface piping may be cracked and leaking, allowing fluids to discharge into the subsurface of the Site.

According to historical sources, the former V E 2 Plating Company occupied the current Site from 1976 through 1995, along with the buildings to the immediate north of the Site. The former V E 2 Plating Company is listed as a historical large quantity hazardous waste generator for generating wastes including: not defined (D000), corrosive waste (D002), chromium (D007), lead (D008), spent cyanide plating bath solutions from electroplating solutions (F007), plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process (F008), and spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process (F009). The COCs are not included in the list of known wastes generated at the Site.

The subsurface soils at the Site were determined to primarily consist of urban fill from current grade to 10 feet bgs. The historic grading operations and urban fill material may be a contributing source of the COCs, and other elevated compounds documented at the Site.

One (1) abandoned underground storage tank ("UST") is currently present at the Site. The UST was reportedly utilized for heating oil storage and is not a potential source for the COCs. The geophysical investigation conducted as part of the remedial investigation did not find any additional USTs.

4.2 ENVIRONMENTAL FATE AND TRANSPORT

Chemicals are transported or transformed in the environment through physical and kinetic processes. Physical process including dissolution, vaporization, and adsorption result in the transfer of the substances across media and phases. Kinetic processes, which include biotic and abiotic chemical transformations, decrease the concentration of a chemical by degrading it into other products. The current understanding of the fate and transport of the COCs is summarized below for each of the environmental of interest at the Site.

4.2.1 SOIL

Pure PCE, TCE and cis-1,2-DCE are considered dense non-aqueous phase liquids ("DNAPL") because they are heavier than, and therefor sink, in water. The physical and chemical properties of subsurface DNAPLs can vary considerably from that of pure DNAPL compounds due to the presence of complex chemical mixtures, the effects of in-situ weathering, and the fact that much DNAPL wastes consists of off-specification materials, production process residues, and spent materials.

When released as a free-phase DNAPL, PCE, TCE, and cis-1,2-DCE can migrate in the subsurface as volatiles in soil gas, dissolved in groundwater, and as a mobile, separate phase liquid until ceasing to move due to adsorption or fully dissolving. No free-phase DNAPL has been found on the Site.

Previous investigations and the remedial investigation have documented the presence of PCE, TCE, and cis-1,2-DCE in soils at the Site at concentrations that exceed the NYSDEC Part 375 Unrestricted Use SCOs. Localized hotspots have been identified in proximity to the floor drain network in the Site Building. Subsurface stratigraphy is comprised primarily of urban fill material with high porosity that could allow for the mobility of the COCs in the subsurface.

4.2.2 GROUNDWATER

The fate and transport mechanisms that affect groundwater include advection, dispersion, dissolution, and natural degradation, which may work to reduce the concentration of any dissolved-phase constituents in groundwater.

The results of the groundwater sampling performed to date indicate that the COCs are present in groundwater near the center of the Site but are not present in groundwater flowing onto or leaving the Site. While the COCs are DNAPLs, given the known, relatively low, concentrations of COCs in groundwater at the center of the Site, the natural degradation and/or dilution is likely responsible for the absence of COCs leaving the Site.

4.2.3 SOIL VAPOR

The COCs in soil and groundwater have the potential to volatilize and enter buildings through cracks in foundation walls, joints, and porous concrete if a vapor barrier is absent. If the Site Building is well sealed, concentrations of the COCs may accumulate beneath the slab of the Site Building. Ultimately, constituents in soil vapor will find a preferential pathway to exit into the atmosphere.

The results of sub-slab soil vapor sampling conducted during the Limited Phase II Subsurface Investigation conducted by ***Laurel***, report dated February 22, 2022, indicate that the COCs are present in orders of magnitude above their respective guidance values; concentrations have been documented to be highest in the center of the Site in proximity to the floor drain network in the Site Building.

5.0 CURRENT AND FUTURE SITE USE

The Site Building is currently only utilized for storage and is not occupied on any continuous basis. An impervious capping system is present throughout the Site and prevents exposure to any contaminated soil or groundwater at the Site. As such, no completed exposure pathway currently exists on the Site.

Future use of the Site Building is anticipated to consist of commercial office space and storage. The impervious capping system will remain and will continue to prevent exposure to any contaminated soil or groundwater at the Site. Soil vapor intrusion would pose a risk to future occupants of the Site Building. As such, a sub-slab depressurization system would be required to be protective of human health under future anticipated site conditions.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The remedial investigation was conducted to delineate the vertical and horizontal extent of halogenated solvents at the Site. In total, six (6) permanent groundwater monitoring wells were installed, and sixteen (16) continuous soil borings were conducted at the Site.

Groundwater was encountered at approximately 9 bgs throughout the Site and was determined to flow in a westerly direction towards Bushwick Inlet. No compounds were detected in MW-1, MW-2, MW-5, or MW-6 in exceedance of the NYSDEC TOGS Values for Class GA Groundwater. In MW-3 and MW-4, cis-1,2-DCE and VC were detected at concentrations exceeding the NYSDEC TOGS Values for Class GA Groundwater. In addition, TCE was detected in MW-4 at concentrations exceeding the NYSDEC TOGS Values for Class GA Groundwater. No COCs were found to be migrating off-Site in groundwater.

A series of sixteen (16) continuous soil borings were advanced to a depth of 10 feet bgs. At each soil boring location, one (1) grab sample was collected from the first clean 1-foot interval below any significant PID readings or other evidence of contamination. In absence of any significant PID readings, grab samples were collected from approximately 5 feet bgs at the location of DB-1, DB-2, DB-3, DB-9, and DB-14. TCE was detected at concentrations exceeding the NYSDEC Part 375 Unrestricted Use SCOs in subsurface soils in DB-4 at 6 feet bgs, DB-6 at 5 feet bgs, DB-14 at 5 feet bgs, DB-15 at 8 feet bgs, and DB-16 at 6 feet bgs. No other COCs were detected at concentrations exceeding the NYSDEC Part 375 Unrestricted Use SCOs.

The waste characterization sampling confirmed that halogenated solvents including PCE and TCE are present in subsurface soils at elevated concentrations. Several petroleum semi-volatile organic compounds ("SVOCs"), heavy metals, and cyanide were also detected in the composite samples at concentrations exceeding the NYSDEC Part 375 Unrestricted Use SCOs.

Several PFCs were detected in groundwater at concentrations exceeding the NYSDEC Part 375 Proposed Remedial Guidance Values for PFAS in each of the monitoring wells. In general, concentrations of PFCs were higher migrating onto the Site than leaving the Site, indicating that the Site is not contributing significantly to PFAS contamination in local groundwater. In the soil samples analyzed for PFCs, only one (1) analyte was detected: perfluorooctanesulfonic acid ("PFOS") was detected at concentrations exceeding the NYSDEC Part 375 Proposed Remedial Guidance Values for PFAS in both soil samples

The results of this remedial investigation are being submitted to the NYSDEC for review and comment. The NYSDEC will likely require a Remedial Action Work Plan be developed for the Site. Options to work within the appropriate NYSDEC program to address the contamination at the site will be discussed with NYSDEC.

Respectfully submitted,
Laurel Environmental Geosciences, DPC.

Jamie Burgher
Project Manager, Geologist III

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Scott A. Yanuck, P.G.
President, Principal Hydrogeologist
NYS P.G. Lic# 000330

Attachments:

Figure 1.0 – Site Location and Surrounding Sites
Figure 2.0 – Site Sketch with Interior Layout
Figure 3.0 – Site Sketch with Groundwater Contours
Figure 4.0 – Site Sketch with Chemical of Concern Groundwater Results
Figure 5.0 – Site Sketch with Emerging Contaminants
Figure 6.0 – Site Sketch with Chemical of Concern Soil Results

Appendix A – Photo Log
Appendix B – Monitoring Well Construction Diagrams
Appendix C – Groundwater Quality Readings
Appendix D – Laboratory Data Packages
Appendix E – Lithologic Logs

Figures



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ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 1.0
SITE LOCATION AND SURROUNDING SITES

9 North 15th Street,
Brooklyn, New York 11222

PROJECT: 21-435
DRAWING DATE: 5-2-22
DRAWN BY: JB
CHECKED BY: MO
REVISIONS: N/A

0 70’ 140’



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FIGURE 2.0
SITE SKETCH WITH INTERIOR LAYOUT

9 North 15th Street,
Brooklyn, New York 11222

PROJECT: 21-435
DRAWING DATE: 5-2-22
DRAWN BY: JB
CHECKED BY: MO
REVISIONS: N/A

KEY
- Floor Drain
- Subsurface Piping
- Subsurface Electrical
- Underground Storage Tank
- Site Boundary

0 20’ 40’



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FIGURE 3.0
SITE SKETCH WITH
GROUNDWATER CONTOURS

9 North 15th Street,
Brooklyn, New York 11222

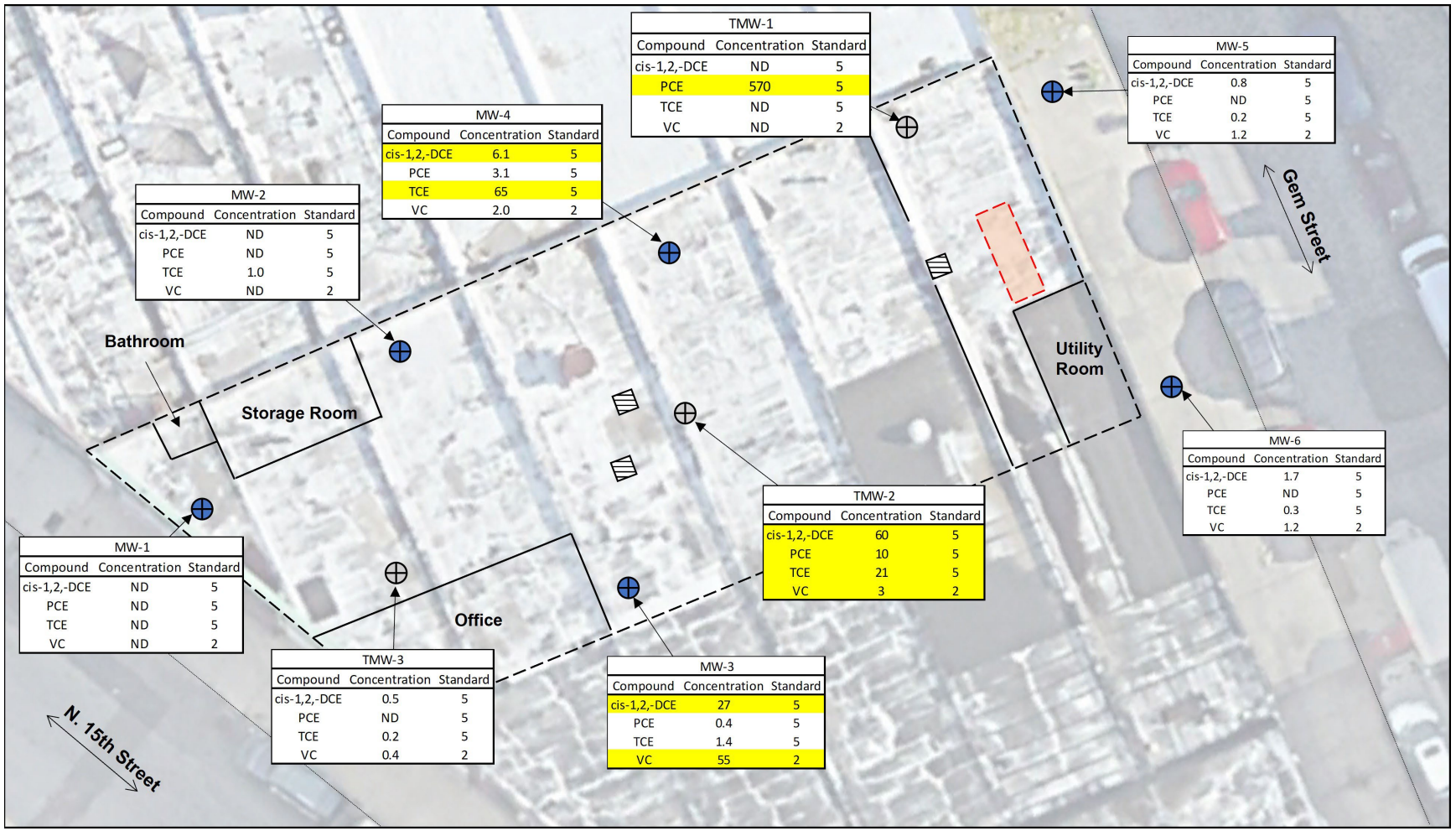
PROJECT: 21-435
DRAWING DATE: 5-2-22
DRAWN BY: JB
CHECKED BY: MO
REVISIONS: N/A

KEY

- Permanent Groundwater Monitoring Well
- Groundwater Contour
- Groundwater Flow Direction
- Site Boundary

Values shown are relative to a common, random, datum

0 20’ 40’



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FIGURE 4.0
SITE SKETCH WITH CHEMICAL OF CONCERN GROUNDWATER RESULTS

9 North 15th Street,
Brooklyn, New York 11222

PROJECT: 21-435
DRAWING DATE: 5-2-22
DRAWN BY: JB
CHECKED BY: MO
REVISIONS: N/A

KEY

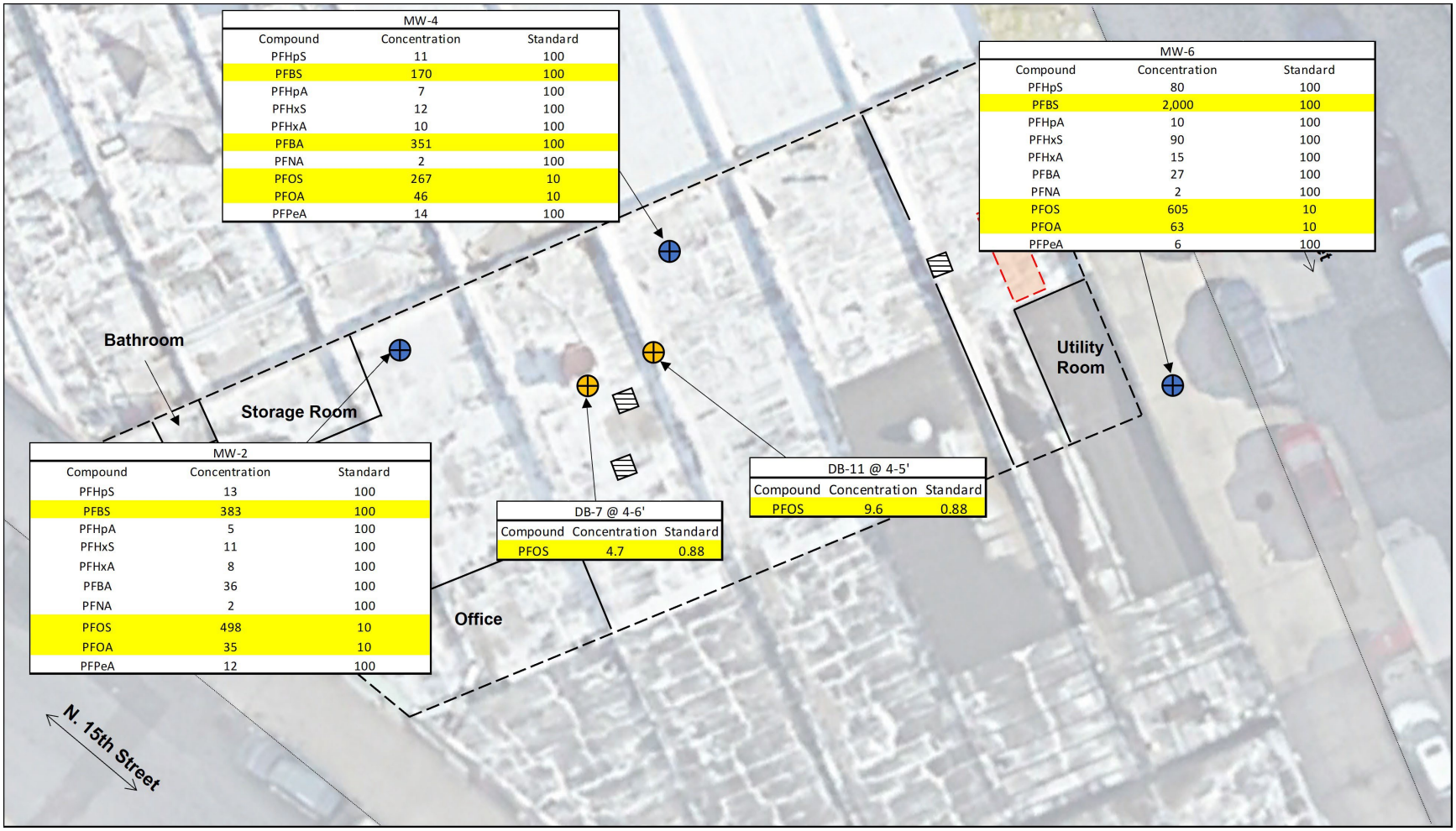
⊕ Permanent Groundwater Monitoring Well

⊕ Historic Temporary Groundwater Monitoring Well

— — Site Boundary

Values shown are in micrograms per liter (µg/L)

0 20’ 40’



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Huntington Station, NY 11746

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FAX: 631-427-5323

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FIGURE 5.0
SITE SKETCH WITH EMERGING CONTAMINANTS

9 North 15th Street,
Brooklyn, New York 11222

PROJECT: 21-435

DRAWING DATE: 5-2-22

DRAWN BY: JB

CHECKED BY: MO

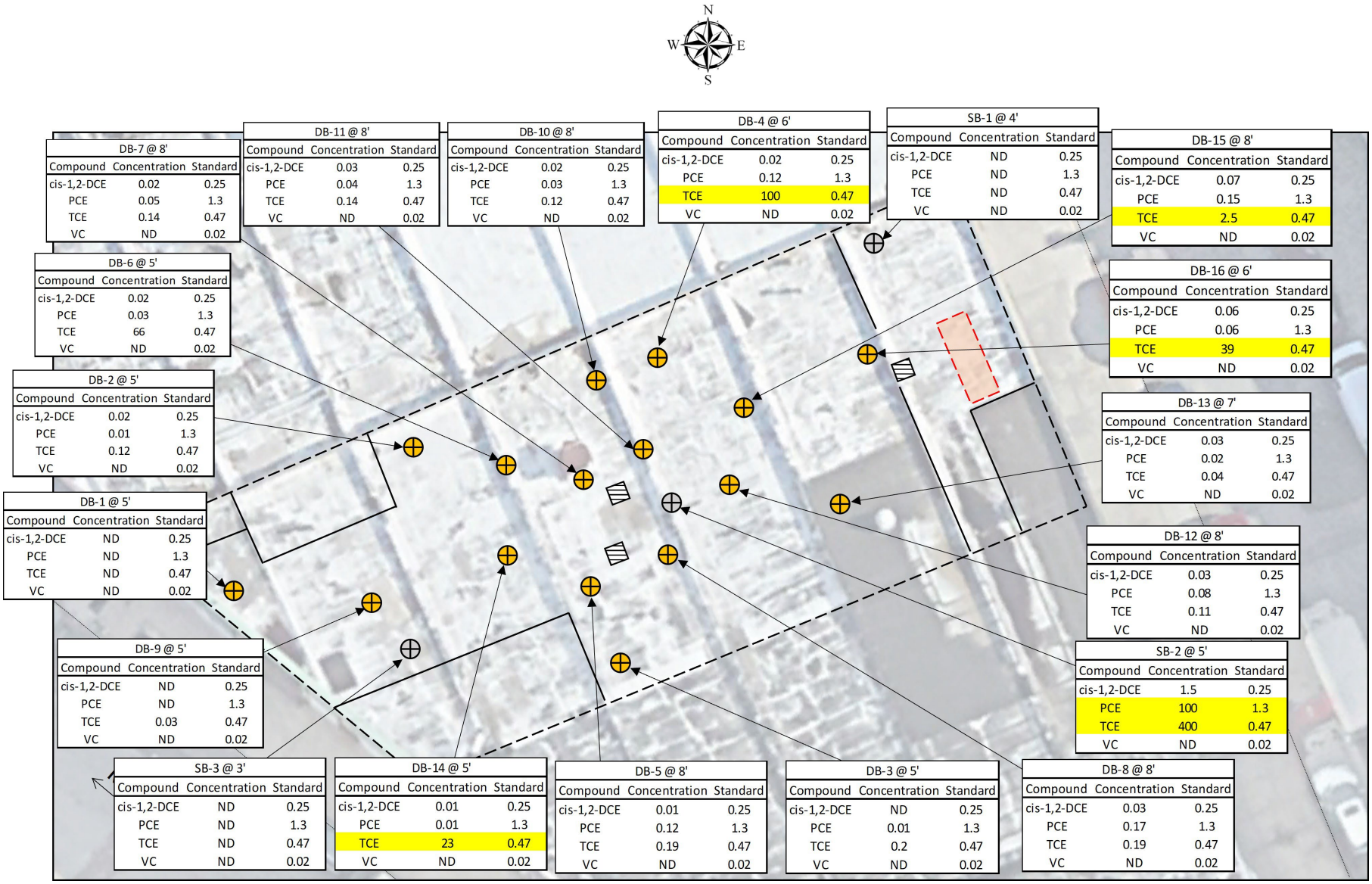
REVISIONS: N/A

KEY

- Permanent Groundwater Monitoring Well
- Soil Sample Location
- Site Boundary

Values shown are in nanograms per liter (µg/L) [water]
Or micrograms per kilogram (µg/kg) [soil]

0 20’ 40’



Laurel ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

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FIGURE 6.0
SITE SKETCH WITH CHEMICAL OF CONCERN SOIL RESULTS

9 North 15th Street,
Brooklyn, New York 11222

PROJECT: 21-435
DRAWING DATE: 5-2-22
DRAWN BY: JB
CHECKED BY: MO
REVISIONS: N/A

KEY

- Soil Sample Location
- Historic Soil Sample Location
- Site Boundary

Values shown are in milligrams per kilogram (mg/kg)

0 20’ 40’

APPENDIX A

Photo Log



Photo 1, View of the interior of the Site Building with sampling locations marked



Photo 2, View of representative floor drain in the Site Building

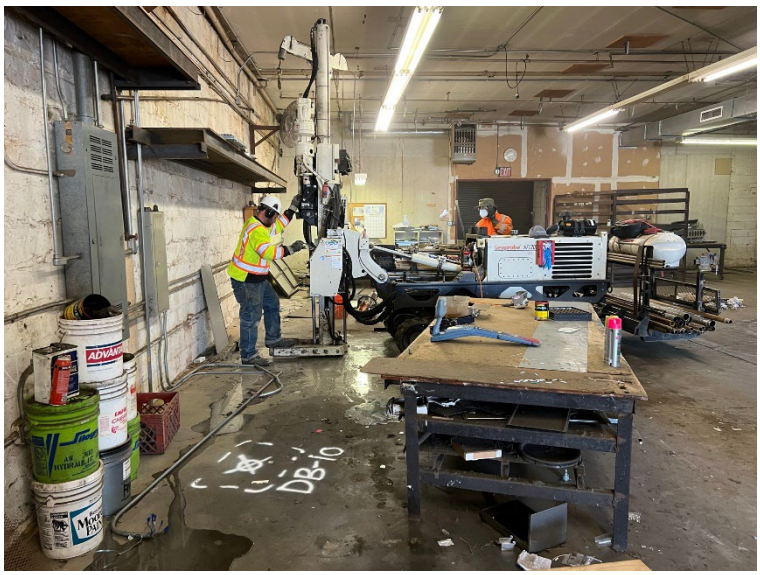


Photo 3, View of GeoProbe installing permanent monitoring well MW-4



Photo 4, View of representative groundwater purged during development



Photo 5, View of GeoProbe installing off-site well MW-5

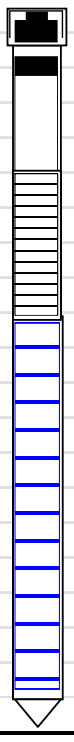


Photo 6, View of representative subsurface soils from soil boring DB-9

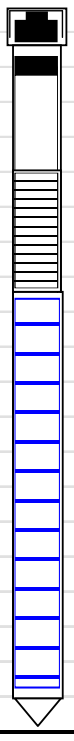
APPENDIX B

Monitoring Well Construction Diagrams

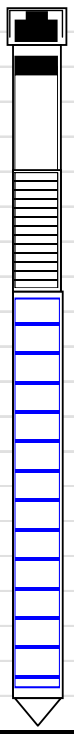
Client:	Seen Media Group	Well ID:	MW-1
Site Location:	9 North 15th Street, Brooklyn, NY	Well Location:	See Sketch
Job#:	21-435	Surface Elev. (ft):	
Geologist:	JB	DTW (ft) :	8.980
Driller:	Luke Reiss	Drill Rig:	Geoprobe 7822
Weather:	Cloudy	Drill Method:	Direct Push
Temp:	50°F	Sample Type:	Split_____
Date:	4/20/2022		Grab____
*All measurements taken from top of well casing			Core_X_

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	Urban Fill
1		2" Sch. 40 Riser	Concrete	Urban Fill
2		2" Sch. 40 Riser	Concrete	Urban Fill
3		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
4		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
5		2" Sch. 40 Riser	Sand	Urban Fill
6		2" .020" Slot Screen	Sand	Urban Fill
7		2" .020" Slot Screen	Sand	Urban Fill
8		2" .020" Slot Screen	Sand	Urban Fill
9		2" .020" Slot Screen	Sand	Urban Fill
10		2" .020" Slot Screen	Sand	No Recovery
11		2" .020" Slot Screen	Sand	No Recovery
12		2" .020" Slot Screen	Sand	No Recovery
13		2" .020" Slot Screen	Sand	No Recovery
14		2" .020" Slot Screen	Sand	No Recovery
15		2" .020" Slot Screen	Sand	No Recovery
16		2" .020" Slot Screen	Sand	No Recovery
17		2" .020" Slot Screen	Sand	No Recovery
18		2" .020" Slot Screen	Sand	No Recovery
19		2" .020" Slot Screen	Sand	No Recovery
20		Endcap	Sand	No Recovery

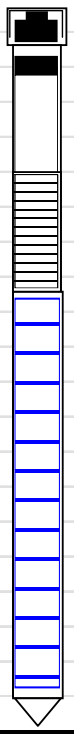
Client:	Seen Media Group	Well ID:	MW-2
Site Location:	9 North 15th Street, Brooklyn, NY	Well Location:	See Sketch
Job#:	21-435	Surface Elev. (ft):	
Geologist:	JB	DTW (ft) :	8.190
Driller:	Luke Reiss	Drill Rig:	Geoprobe 7822
Weather:	Cloudy	Drill Method:	Direct Push
Temp:	50°F	Sample Type:	Split_____
Date:	4/20/2022		Grab____
*All measurements taken from top of well casing			Core_X_

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	Urban Fill
1		2" Sch. 40 Riser	Concrete	Urban Fill
2		2" Sch. 40 Riser	Concrete	Urban Fill
3		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
4		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
5		2" Sch. 40 Riser	Sand	Urban Fill
6		2" .020" Slot Screen	Sand	Urban Fill
7		2" .020" Slot Screen	Sand	Urban Fill
8		2" .020" Slot Screen	Sand	Urban Fill
9		2" .020" Slot Screen	Sand	Urban Fill
10		2" .020" Slot Screen	Sand	No Recovery
11		2" .020" Slot Screen	Sand	No Recovery
12		2" .020" Slot Screen	Sand	No Recovery
13		2" .020" Slot Screen	Sand	No Recovery
14		2" .020" Slot Screen	Sand	No Recovery
15		2" .020" Slot Screen	Sand	No Recovery
16		2" .020" Slot Screen	Sand	No Recovery
17		2" .020" Slot Screen	Sand	No Recovery
18		2" .020" Slot Screen	Sand	No Recovery
19		2" .020" Slot Screen	Sand	No Recovery
20		Endcap	Sand	No Recovery

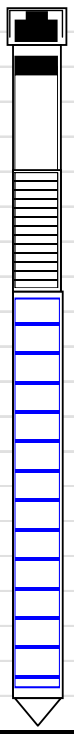
Client:	Seen Media Group	Well ID:	MW-3
Site Location:	9 North 15th Street, Brooklyn, NY	Well Location:	See Sketch
Job#:	21-435	Surface Elev. (ft):	
Geologist:	JB	DTW (ft) :	8.370
Driller:	Luke Reiss	Drill Rig:	Geoprobe 7822
Weather:	Cloudy	Drill Method:	Direct Push
Temp:	50°F	Sample Type:	Split_____
Date:	4/20/2022		Grab____
*All measurements taken from top of well casing			Core__X_

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	Urban Fill
1		2" Sch. 40 Riser	Concrete	Urban Fill
2		2" Sch. 40 Riser	Concrete	Urban Fill
3		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
4		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
5		2" Sch. 40 Riser	Sand	Urban Fill
6		2" .020" Slot Screen	Sand	Urban Fill
7		2" .020" Slot Screen	Sand	Urban Fill
8		2" .020" Slot Screen	Sand	Urban Fill
9		2" .020" Slot Screen	Sand	Urban Fill
10		2" .020" Slot Screen	Sand	No Recovery
11		2" .020" Slot Screen	Sand	No Recovery
12		2" .020" Slot Screen	Sand	No Recovery
13		2" .020" Slot Screen	Sand	No Recovery
14		2" .020" Slot Screen	Sand	No Recovery
15		2" .020" Slot Screen	Sand	No Recovery
16		2" .020" Slot Screen	Sand	No Recovery
17		2" .020" Slot Screen	Sand	No Recovery
18		2" .020" Slot Screen	Sand	No Recovery
19		2" .020" Slot Screen	Sand	No Recovery
20		Endcap	Sand	No Recovery

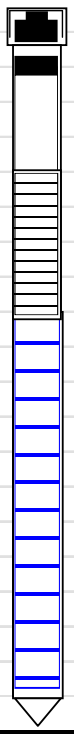
Client:	Seen Media Group	Well ID:	MW-4
Site Location:	9 North 15th Street, Brooklyn, NY	Well Location:	See Sketch
Job#:	21-435	Surface Elev. (ft):	
Geologist:	JB	DTW (ft) :	8.425
Driller:	Luke Reiss	Drill Rig:	Geoprobe 7822
Weather:	Cloudy	Drill Method:	Direct Push
Temp:	50°F	Sample Type:	Split_____
Date:	4/20/2022		Grab____
*All measurements taken from top of well casing			Core__X_

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	Urban Fill
1		2" Sch. 40 Riser	Concrete	Urban Fill
2		2" Sch. 40 Riser	Concrete	Urban Fill
3		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
4		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
5		2" Sch. 40 Riser	Sand	Urban Fill
6		2" .020" Slot Screen	Sand	Urban Fill
7		2" .020" Slot Screen	Sand	Urban Fill
8		2" .020" Slot Screen	Sand	Urban Fill
9		2" .020" Slot Screen	Sand	Urban Fill
10		2" .020" Slot Screen	Sand	No Recovery
11		2" .020" Slot Screen	Sand	No Recovery
12		2" .020" Slot Screen	Sand	No Recovery
13		2" .020" Slot Screen	Sand	No Recovery
14		2" .020" Slot Screen	Sand	No Recovery
15		2" .020" Slot Screen	Sand	No Recovery
16		2" .020" Slot Screen	Sand	No Recovery
17		2" .020" Slot Screen	Sand	No Recovery
18		2" .020" Slot Screen	Sand	No Recovery
19		2" .020" Slot Screen	Sand	No Recovery
20		Endcap	Sand	No Recovery

Client:	Seen Media Group	Well ID:	MW-5
Site Location:	9 North 15th Street, Brooklyn, NY	Well Location:	See Sketch
Job#:	21-435	Surface Elev. (ft):	
Geologist:	JB	DTW (ft) :	8.630
Driller:	Luke Reiss	Drill Rig:	Geoprobe 7822
Weather:	Cloudy	Drill Method:	Direct Push
Temp:	50°F	Sample Type:	Split_____
Date:	4/20/2022		Grab____
*All measurements taken from top of well casing			Core__X_

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	Urban Fill
1		2" Sch. 40 Riser	Concrete	Urban Fill
2		2" Sch. 40 Riser	Concrete	Urban Fill
3		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
4		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
5		2" Sch. 40 Riser	Sand	Urban Fill
6		2" .020" Slot Screen	Sand	Urban Fill
7		2" .020" Slot Screen	Sand	Urban Fill
8		2" .020" Slot Screen	Sand	Urban Fill
9		2" .020" Slot Screen	Sand	Urban Fill
10		2" .020" Slot Screen	Sand	No Recovery
11		2" .020" Slot Screen	Sand	No Recovery
12		2" .020" Slot Screen	Sand	No Recovery
13		2" .020" Slot Screen	Sand	No Recovery
14		2" .020" Slot Screen	Sand	No Recovery
15		2" .020" Slot Screen	Sand	No Recovery
16		2" .020" Slot Screen	Sand	No Recovery
17		2" .020" Slot Screen	Sand	No Recovery
18		2" .020" Slot Screen	Sand	No Recovery
19		2" .020" Slot Screen	Sand	No Recovery
20		Endcap	Sand	No Recovery

Client:	Seen Media Group	Well ID:	MW-6
Site Location:	9 North 15th Street, Brooklyn, NY	Well Location:	See Sketch
Job#:	21-435	Surface Elev. (ft):	
Geologist:	JB	DTW (ft) :	9.120
Driller:	Luke Reiss	Drill Rig:	Geoprobe 7822
Weather:	Cloudy	Drill Method:	Direct Push
Temp:	50°F	Sample Type:	Split_____
Date:	4/20/2022		Grab____
*All measurements taken from top of well casing			Core__X_

DEPTH (ft)	WELL	WELL MATERIAL	FILL MATERIAL	SOIL DESCRIPTION/REMARKS
0		Locking J-Plug	Bolt-Down MH	Urban Fill
1		2" Sch. 40 Riser	Concrete	Urban Fill
2		2" Sch. 40 Riser	Concrete	Urban Fill
3		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
4		2" Sch. 40 Riser	Bentonite Cement Slurry	Urban Fill
5		2" Sch. 40 Riser	Sand	Urban Fill
6		2" .020" Slot Screen	Sand	Urban Fill
7		2" .020" Slot Screen	Sand	Urban Fill
8		2" .020" Slot Screen	Sand	Urban Fill
9		2" .020" Slot Screen	Sand	Urban Fill
10		2" .020" Slot Screen	Sand	No Recovery
11		2" .020" Slot Screen	Sand	No Recovery
12		2" .020" Slot Screen	Sand	No Recovery
13		2" .020" Slot Screen	Sand	No Recovery
14		2" .020" Slot Screen	Sand	No Recovery
15		2" .020" Slot Screen	Sand	No Recovery
16		2" .020" Slot Screen	Sand	No Recovery
17		2" .020" Slot Screen	Sand	No Recovery
18		2" .020" Slot Screen	Sand	No Recovery
19		2" .020" Slot Screen	Sand	No Recovery
20		Endcap	Sand	No Recovery

APPENDIX C

Groundwater Quality Readings

Groundwater Monitoring Well Depths and Chemistry

Site: 9 North 15th Street, 4/21/22

Monitoring Well #	***MW-1***			***MW-2***			***MW-3***		
Test Number	1	2	3	1	2	3	1	2	3
Depth To Water	8.98			8.19			8.37		
Depth To Bottom	20.2			20.74			20.5		
Total Water	**11.22**			**12.55**			**12.13**		
Turbidity	25	32.2	23.8	33	27	20	21	22	15

Monitoring Well #	***MW-4***			***MW-5***			***MW-6***		
Test Number	1	2	3	1	2	3	1	2	3
Depth To Water	8.425			8.63			9.12		
Depth To Bottom	20.02			20.1			20.3		
Total Water	**11.595**			**11.47**			**11.18**		
Turbidity	54	44	35	24	28	21	35	13	15

APPENDIX D

Laboratory Data Packages

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 04/28/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1099

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/28/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1099

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 22, 2022 and listed below. The project was identified as your project: **9 North 15th Street, Brooklyn, NY 21-435.3**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22D1099-01	MW-1	Water	04/21/2022	04/22/2022
22D1099-02	MW-2	Water	04/21/2022	04/22/2022
22D1099-03	MW-3	Water	04/21/2022	04/22/2022
22D1099-04	MW-4	Water	04/21/2022	04/22/2022
22D1099-05	MW-5	Water	04/21/2022	04/22/2022
22D1099-06	MW-6	Water	04/21/2022	04/22/2022

General Notes for York Project (SDG) No.: 22D1099

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 04/28/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22D1099-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 7:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D1099-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 7:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	**Cyclohexane**	**0.700**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D1099-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 7:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
75-09-2	**Methylene chloride**	**1.03**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 14:02	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 14:02	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:02	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D1099-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 7:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:02	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2022 14:02	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D1099-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 8:20 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D1099-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 8:20 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-64-1	**Acetone**	**2.75**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D1099-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 8:20 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
110-82-7	**Cyclohexane**	**0.380**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 14:29	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 14:29	JM

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22D1099-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 8:20 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:29	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
79-01-6	**Trichloroethylene**	**0.990**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:29	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2022 14:29	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22D1099-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 9:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22D1099-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 9:30 am	04/22/2022

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	**1,1-Dichloroethane**	**0.650**		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 14:56	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22D1099-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 9:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-59-2	**cis-1,2-Dichloroethylene**	**27.3**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	**Cyclohexane**	**0.800**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22D1099-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 9:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.520**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
108-87-2	**Methylcyclohexane**	**0.240**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
75-09-2	**Methylene chloride**	**1.25**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 14:56	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 14:56	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 14:56	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
127-18-4	**Tetrachloroethylene**	**0.420**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
79-01-6	**Trichloroethylene**	**1.43**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM
75-01-4	**Vinyl Chloride**	**55.2**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 14:56	JM

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D1099-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 9:30 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2022 14:56	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D1099-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 10:45 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
75-34-3	**1,1-Dichloroethane**	**0.500**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D1099-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 10:45 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22D1099-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 10:45 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
156-59-2	**cis-1,2-Dichloroethylene**	**6.14**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
110-82-7	**Cyclohexane**	**0.370**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
108-87-2	**Methylcyclohexane**	**1.63**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
95-47-6	**o-Xylene**	**0.250**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 15:22	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 15:22	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:22	JM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D1099-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 10:45 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
135-98-8	**sec-Butylbenzene**	**0.920**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
98-06-6	**tert-Butylbenzene**	**0.460**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
127-18-4	**Tetrachloroethylene**	**3.05**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
79-01-6	**Trichloroethylene**	**65.1**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
75-01-4	**Vinyl Chloride**	**2.01**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 15:22	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2022 15:22	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D1099-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 11:10 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D1099-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 11:10 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22D1099-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 11:10 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-59-2	**cis-1,2-Dichloroethylene**	**0.780**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22D1099-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 11:10 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
98-06-6	**tert-Butylbenzene**	**0.200**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-01-6	**Trichloroethylene**	**0.230**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 15:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D1099-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 11:10 am	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**1.21**		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 15:49	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	04/27/2022 09:00	04/27/2022 15:49	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D1099-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

Volatile Organics, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D1099-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D1099-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
156-59-2	**cis-1,2-Dichloroethylene**	**1.65**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:16	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 16:16	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 16:16	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16	JM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D1099-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1099	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

Volatile Organics, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-01-6	**Trichloroethylene**	**0.340**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-01-4	**Vinyl Chloride**	**1.20**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Analytical Batch Summary

Batch ID: BD21617 **Preparation Method:** EPA 5030B **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22D1099-01	MW-1	04/27/22
22D1099-02	MW-2	04/27/22
22D1099-03	MW-3	04/27/22
22D1099-04	MW-4	04/27/22
22D1099-05	MW-5	04/27/22
22D1099-06	MW-6	04/27/22
BD21617-BLK1	Blank	04/27/22
BD21617-BS1	LCS	04/27/22
BD21617-BSD1	LCS Dup	04/27/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21617 - EPA 5030B											
Blank (BD21617-BLK1)											Prepared & Analyzed: 04/27/2022
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21617 - EPA 5030B											
Blank (BD21617-BLK1)								Prepared & Analyzed: 04/27/2022			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.26*		*"*	*10.0*		*92.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS (BD21617-BS1)								Prepared & Analyzed: 04/27/2022			
1,1,1,2-Tetrachloroethane	8.50		ug/L	10.0		85.0	82-126				
1,1,1-Trichloroethane	9.15		"	10.0		91.5	78-136				
1,1,2,2-Tetrachloroethane	8.62		"	10.0		86.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.97		"	10.0		89.7	54-165				
1,1,2-Trichloroethane	8.46		"	10.0		84.6	82-123				
1,1-Dichloroethane	8.72		"	10.0		87.2	82-129				
1,1-Dichloroethylene	9.06		"	10.0		90.6	68-138				
1,2,3-Trichlorobenzene	8.41		"	10.0		84.1	76-136				
1,2,3-Trichloropropane	9.11		"	10.0		91.1	77-128				
1,2,4-Trichlorobenzene	8.28		"	10.0		82.8	76-137				
1,2,4-Trimethylbenzene	8.98		"	10.0		89.8	82-132				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147				
1,2-Dibromoethane	8.76		"	10.0		87.6	83-124				
1,2-Dichlorobenzene	8.55		"	10.0		85.5	79-123				
1,2-Dichloroethane	8.82		"	10.0		88.2	73-132				
1,2-Dichloropropane	8.66		"	10.0		86.6	78-126				
1,3,5-Trimethylbenzene	8.55		"	10.0		85.5	80-131				
1,3-Dichlorobenzene	8.50		"	10.0		85.0	86-122	Low Bias			
1,3-Dichloropropane	8.23		"	10.0		82.3	81-125				
1,4-Dichlorobenzene	8.75		"	10.0		87.5	85-124				
1,4-Dioxane	115		"	210		54.5	10-349				
2-Butanone	9.88		"	10.0		98.8	49-152				
2-Hexanone	8.25		"	10.0		82.5	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21617 - EPA 5030B											
LCS (BD21617-BS1)								Prepared & Analyzed: 04/27/2022			
4-Methyl-2-pentanone	7.50		ug/L	10.0		75.0	57-145				
Acetone	5.86		"	10.0		58.6	14-150				
Acrolein	4.70		"	100		4.70	10-153	Low Bias			
Acrylonitrile	10.6		"	10.0		106	51-150				
Benzene	8.85		"	10.0		88.5	85-126				
Bromochloromethane	8.73		"	10.0		87.3	77-128				
Bromodichloromethane	8.38		"	10.0		83.8	79-128				
Bromoform	8.99		"	10.0		89.9	78-133				
Bromomethane	5.17		"	10.0		51.7	43-168				
Carbon disulfide	8.92		"	10.0		89.2	68-146				
Carbon tetrachloride	9.39		"	10.0		93.9	77-141				
Chlorobenzene	9.05		"	10.0		90.5	88-120				
Chloroethane	9.05		"	10.0		90.5	65-136				
Chloroform	9.01		"	10.0		90.1	82-128				
Chloromethane	7.69		"	10.0		76.9	43-155				
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	83-129				
cis-1,3-Dichloropropylene	8.75		"	10.0		87.5	80-131				
Cyclohexane	9.83		"	10.0		98.3	63-149				
Dibromochloromethane	8.42		"	10.0		84.2	80-130				
Dibromomethane	8.52		"	10.0		85.2	72-134				
Dichlorodifluoromethane	6.29		"	10.0		62.9	44-144				
Ethyl Benzene	8.75		"	10.0		87.5	80-131				
Hexachlorobutadiene	9.19		"	10.0		91.9	67-146				
Isopropylbenzene	8.87		"	10.0		88.7	76-140				
Methyl acetate	9.71		"	10.0		97.1	51-139				
Methyl tert-butyl ether (MTBE)	9.17		"	10.0		91.7	76-135				
Methylcyclohexane	8.81		"	10.0		88.1	72-143				
Methylene chloride	9.67		"	10.0		96.7	55-137				
Naphthalene	8.63		"	10.0		86.3	70-147				
n-Butylbenzene	8.92		"	10.0		89.2	79-132				
n-Propylbenzene	8.75		"	10.0		87.5	78-133				
o-Xylene	8.78		"	10.0		87.8	78-130				
p- & m- Xylenes	17.5		"	20.0		87.7	77-133				
p-Diethylbenzene	9.29		"	10.0		92.9	84-134				
p-Ethyltoluene	9.22		"	10.0		92.2	88-129				
p-Isopropyltoluene	8.64		"	10.0		86.4	81-136				
sec-Butylbenzene	8.76		"	10.0		87.6	79-137				
Styrene	8.48		"	10.0		84.8	67-132				
tert-Butyl alcohol (TBA)	49.8		"	50.0		99.6	25-162				
tert-Butylbenzene	7.99		"	10.0		79.9	77-138				
Tetrachloroethylene	7.12		"	10.0		71.2	82-131	Low Bias			
Toluene	8.66		"	10.0		86.6	80-127				
trans-1,2-Dichloroethylene	8.73		"	10.0		87.3	80-132				
trans-1,3-Dichloropropylene	8.75		"	10.0		87.5	78-131				
Trichloroethylene	8.57		"	10.0		85.7	82-128				
Trichlorofluoromethane	9.13		"	10.0		91.3	67-139				
Vinyl Chloride	8.19		"	10.0		81.9	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21617 - EPA 5030B											
LCS Dup (BD21617-BSD1)								Prepared & Analyzed: 04/27/2022			
1,1,1,2-Tetrachloroethane	8.64		ug/L	10.0		86.4	82-126		1.63	30	
1,1,1-Trichloroethane	8.94		"	10.0		89.4	78-136		2.32	30	
1,1,2,2-Tetrachloroethane	9.43		"	10.0		94.3	76-129		8.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.79		"	10.0		87.9	54-165		2.03	30	
1,1,2-Trichloroethane	9.26		"	10.0		92.6	82-123		9.03	30	
1,1-Dichloroethane	8.74		"	10.0		87.4	82-129		0.229	30	
1,1-Dichloroethylene	8.85		"	10.0		88.5	68-138		2.35	30	
1,2,3-Trichlorobenzene	9.28		"	10.0		92.8	76-136		9.84	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		13.5	30	
1,2,4-Trichlorobenzene	9.03		"	10.0		90.3	76-137		8.67	30	
1,2,4-Trimethylbenzene	8.84		"	10.0		88.4	82-132		1.57	30	
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	45-147		6.83	30	
1,2-Dibromoethane	8.97		"	10.0		89.7	83-124		2.37	30	
1,2-Dichlorobenzene	8.70		"	10.0		87.0	79-123		1.74	30	
1,2-Dichloroethane	9.37		"	10.0		93.7	73-132		6.05	30	
1,2-Dichloropropane	8.63		"	10.0		86.3	78-126		0.347	30	
1,3,5-Trimethylbenzene	8.39		"	10.0		83.9	80-131		1.89	30	
1,3-Dichlorobenzene	8.54		"	10.0		85.4	86-122	Low Bias	0.469	30	
1,3-Dichloropropane	8.84		"	10.0		88.4	81-125		7.15	30	
1,4-Dichlorobenzene	8.67		"	10.0		86.7	85-124		0.918	30	
1,4-Dioxane	140		"	210		66.6	10-349		20.0	30	
2-Butanone	11.5		"	10.0		115	49-152		14.8	30	
2-Hexanone	9.71		"	10.0		97.1	51-146		16.3	30	
4-Methyl-2-pentanone	8.72		"	10.0		87.2	57-145		15.0	30	
Acetone	6.08		"	10.0		60.8	14-150		3.69	30	
Acrolein	4.92		"	100		4.92	10-153	Low Bias	4.57	30	
Acrylonitrile	11.8		"	10.0		118	51-150		11.2	30	
Benzene	8.92		"	10.0		89.2	85-126		0.788	30	
Bromochloromethane	9.20		"	10.0		92.0	77-128		5.24	30	
Bromodichloromethane	8.75		"	10.0		87.5	79-128		4.32	30	
Bromoform	9.45		"	10.0		94.5	78-133		4.99	30	
Bromomethane	5.13		"	10.0		51.3	43-168		0.777	30	
Carbon disulfide	8.68		"	10.0		86.8	68-146		2.73	30	
Carbon tetrachloride	9.10		"	10.0		91.0	77-141		3.14	30	
Chlorobenzene	8.98		"	10.0		89.8	88-120		0.776	30	
Chloroethane	8.75		"	10.0		87.5	65-136		3.37	30	
Chloroform	9.03		"	10.0		90.3	82-128		0.222	30	
Chloromethane	7.46		"	10.0		74.6	43-155		3.04	30	
cis-1,2-Dichloroethylene	8.90		"	10.0		89.0	83-129		0.783	30	
cis-1,3-Dichloropropylene	8.86		"	10.0		88.6	80-131		1.25	30	
Cyclohexane	9.70		"	10.0		97.0	63-149		1.33	30	
Dibromochloromethane	9.17		"	10.0		91.7	80-130		8.53	30	
Dibromomethane	8.90		"	10.0		89.0	72-134		4.36	30	
Dichlorodifluoromethane	6.04		"	10.0		60.4	44-144		4.06	30	
Ethyl Benzene	8.58		"	10.0		85.8	80-131		1.96	30	
Hexachlorobutadiene	9.37		"	10.0		93.7	67-146		1.94	30	
Isopropylbenzene	8.60		"	10.0		86.0	76-140		3.09	30	
Methyl acetate	10.8		"	10.0		108	51-139		10.8	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		9.55	30	
Methylcyclohexane	8.45		"	10.0		84.5	72-143		4.17	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21617 - EPA 5030B											
LCS Dup (BD21617-BSD1)								Prepared & Analyzed: 04/27/2022			
Methylene chloride	9.86		ug/L	10.0		98.6	55-137		1.95	30	
Naphthalene	9.65		"	10.0		96.5	70-147		11.2	30	
n-Butylbenzene	8.63		"	10.0		86.3	79-132		3.30	30	
n-Propylbenzene	8.39		"	10.0		83.9	78-133		4.20	30	
o-Xylene	8.79		"	10.0		87.9	78-130		0.114	30	
p- & m- Xylenes	17.4		"	20.0		86.8	77-133		0.974	30	
p-Diethylbenzene	9.12		"	10.0		91.2	84-134		1.85	30	
p-Ethyltoluene	8.96		"	10.0		89.6	88-129		2.86	30	
p-Isopropyltoluene	8.49		"	10.0		84.9	81-136		1.75	30	
sec-Butylbenzene	8.54		"	10.0		85.4	79-137		2.54	30	
Styrene	8.60		"	10.0		86.0	67-132		1.41	30	
tert-Butyl alcohol (TBA)	66.5		"	50.0		133	25-162		28.7	30	
tert-Butylbenzene	7.73		"	10.0		77.3	77-138		3.31	30	
Tetrachloroethylene	6.94		"	10.0		69.4	82-131	Low Bias	2.56	30	
Toluene	8.52		"	10.0		85.2	80-127		1.63	30	
trans-1,2-Dichloroethylene	8.69		"	10.0		86.9	80-132		0.459	30	
trans-1,3-Dichloropropylene	9.02		"	10.0		90.2	78-131		3.04	30	
Trichloroethylene	8.38		"	10.0		83.8	82-128		2.24	30	
Trichlorofluoromethane	8.79		"	10.0		87.9	67-139		3.79	30	
Vinyl Chloride	7.84		"	10.0		78.4	58-145		4.37	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D1099-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D1099-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D1099-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D1099-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D1099-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D1099-06	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22D1099

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:		RUSH - Next Day
Address: 53 W. Hills Rd, Huntington Sta., NY	Address: Scott	Address: Kathy	YOUR Project Name: 9 North 15th Street Brooklyn, NY	RUSH - Two Day
Phone: (631) 673-0612	Phone:	Phone:		RUSH - Three Day
Contact: Scott Yarnick	Contact:	Contact:		RUSH - Four Day
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 21-435.3	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Jamie Burghon

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	4/21/22 0730	8260	(3) 40mL
MW-2		0820		
MW-3		0930		
MW-4		1045		
MW-5		1110		
MW-6		1210		

Comments:

Preservation: (check all that apply)
HCl X MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	4/22/22 0900	KBarbagallo	4/22/22 950AM	KBarbagallo	4/22/22
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					4/22/22 1615 / 1.4 Degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 05/04/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1097

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/04/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1097

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 22, 2022 and listed below. The project was identified as your project: **9 North 15th Street, Brooklyn, NY 21-435.3**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22D1097-01	MW-2	Water	04/21/2022	04/22/2022
22D1097-02	MW-4	Water	04/21/2022	04/22/2022
22D1097-03	MW-6	Water	04/21/2022	04/22/2022

General Notes for York Project (SDG) No.: 22D1097

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 05/04/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22D1097-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 8:20 am	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**383**		ng/L	9.09	10	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 18:43	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**7.68**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**4.71**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**11.2**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**35.0**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**498**		ng/L	9.09	10	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 18:43	WL
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.89**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**12.2**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**13.0**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.27	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**35.6**		ng/L	0.909	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:41	WL

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **22D1097-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 8:20 am	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
	Surrogate: M3PFBS	*48.3 %*		*25-150*						
	Surrogate: M3PFBS	*101 %*		*25-150*						
	Surrogate: M5PFHxA	*44.8 %*		*25-150*						
	Surrogate: M5PFHxA	*103 %*		*25-150*						
	Surrogate: M4PFHpA	*133 %*		*25-150*						
	Surrogate: M4PFHpA	*103 %*		*25-150*						
	Surrogate: M3PFHxS	*115 %*		*25-150*						
	Surrogate: M3PFHxS	*120 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*90.3 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*94.4 %*		*25-150*						
	Surrogate: M6PFDA	*84.3 %*		*25-150*						
	Surrogate: M6PFDA	*99.5 %*		*25-150*						
	Surrogate: M7PFUdA	*91.4 %*		*25-150*						
	Surrogate: M7PFUdA	*104 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*85.9 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*97.9 %*		*25-150*						
	Surrogate: M2PFTeDA	*87.5 %*		*10-150*						
	Surrogate: M2PFTeDA	*109 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*81.7 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*14.7 %*	PFSu-L	*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*96.5 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*107 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*52.2 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*61.4 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*21.3 %*		*10-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.5 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*103 %*		*25-150*						
	Surrogate: d3-N-MeFOSAA	*78.3 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*102 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*116 %*		*25-150*						

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D1097-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 8:20 am	04/22/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2-6:2 FTS	*96.1 %*		*25-200*						
	Surrogate: M2-6:2 FTS	*196 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*91.0 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*220 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*92.2 %*		*25-150*						
	Surrogate: M9PFNA	*100 %*		*25-150*						

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D1097-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 10:45 am	04/22/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**170**		ng/L	9.26	10	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 18:56	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**9.99**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**6.58**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**11.6**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**46.2**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**267**		ng/L	9.26	10	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 18:56	WL
375-95-1	*** Perfluorononanoic acid (PFNA)**	**2.26**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22D1097-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 10:45 am	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**13.9**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**10.8**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.31	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**351**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 15:54	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*85.9 %*	*25-150*
Surrogate: M3PFBS	*80.9 %*	*25-150*
Surrogate: M5PFHxA	*86.3 %*	*25-150*
Surrogate: M5PFHxA	*76.3 %*	*25-150*
Surrogate: M4PFHpA	*85.8 %*	*25-150*
Surrogate: M4PFHpA	*101 %*	*25-150*
Surrogate: M3PFHxS	*108 %*	*25-150*
Surrogate: M3PFHxS	*91.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*79.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*75.6 %*	*25-150*
Surrogate: M6PFDA	*99.6 %*	*25-150*
Surrogate: M6PFDA	*82.9 %*	*25-150*
Surrogate: M7PFUdA	*107 %*	*25-150*
Surrogate: M7PFUdA	*76.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*102 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*79.2 %*	*25-150*
Surrogate: M2PFTeDA	*110 %*	*10-150*
Surrogate: M2PFTeDA	*72.4 %*	*10-150*

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22D1097-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 10:45 am	04/22/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.54 %*	PFSu-L		*25-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*54.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*96.1 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*98.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*45.4 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*27.0 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*21.9 %*			*10-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.7 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*89.7 %*			*25-150*					
	Surrogate: d3-N-MeFOSAA	*76.7 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*124 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*87.6 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*180 %*			*25-200*					
	Surrogate: M2-6:2 FTS	*92.5 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*232 %*	PFSu-H		*25-200*					
	Surrogate: M2-8:2 FTS	*96.9 %*			*25-200*					
	Surrogate: M9PFNA	*93.6 %*			*25-150*					
	Surrogate: M9PFNA	*76.8 %*			*25-150*					

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22D1097-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**2000**		ng/L	18.5	20	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 19:22	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**15.0**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22D1097-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**10.3**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**90.3**		ng/L	9.26	10	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 19:09	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**63.1**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**605**		ng/L	9.26	10	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 19:09	WL
375-95-1	*** Perfluorononanoic acid (PFNA)**	**2.18**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**6.45**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**79.9**		ng/L	9.26	10	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 19:09	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.31	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**26.6**		ng/L	0.926	1	EPA 537m Certifications:	05/02/2022 13:04	05/03/2022 16:07	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*39.2 %*	*25-150*
Surrogate: M3PFBS	*78.6 %*	*25-150*
Surrogate: M3PFBS	*51.8 %*	*25-150*
Surrogate: M5PFHxA	*83.9 %*	*25-150*
Surrogate: M5PFHxA	*70.2 %*	*25-150*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D1097-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	*93.3 %*			*25-150*					
	Surrogate: M4PFHpA	*112 %*			*25-150*					
	Surrogate: M4PFHpA	*96.5 %*			*25-150*					
	Surrogate: M4PFHpA	*97.7 %*			*25-150*					
	Surrogate: M3PFHxS	*102 %*			*25-150*					
	Surrogate: M3PFHxS	*69.0 %*			*25-150*					
	Surrogate: M3PFHxS	*105 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*76.0 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*69.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*84.5 %*			*25-150*					
	Surrogate: M6PFDA	*77.9 %*			*25-150*					
	Surrogate: M6PFDA	*85.7 %*			*25-150*					
	Surrogate: M6PFDA	*118 %*			*25-150*					
	Surrogate: M7PFUdA	*89.1 %*			*25-150*					
	Surrogate: M7PFUdA	*75.2 %*			*25-150*					
	Surrogate: M7PFUdA	*117 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*90.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*71.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*95.8 %*			*25-150*					
	Surrogate: M2PFTeDA	*84.3 %*			*10-150*					
	Surrogate: M2PFTeDA	*69.3 %*			*10-150*					
	Surrogate: M2PFTeDA	*106 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*75.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.8 %*	PFSu-L		*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*89.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*83.6 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*105 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*75.1 %*			*25-150*					

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **22D1097-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1097	9 North 15th Street, Brooklyn, NY 21-435.3	Water	April 21, 2022 12:10 pm	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*75.8 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*55.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*60.5 %*			*10-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*43.4 %*			*10-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*62.0 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*90.2 %*			*25-150*					
	Surrogate: d3-N-MeFOSAA	*109 %*			*25-150*					
	Surrogate: d3-N-MeFOSAA	*92.8 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*96.0 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*120 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*84.9 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*73.4 %*			*25-200*					
	Surrogate: M2-6:2 FTS	*64.5 %*			*25-200*					
	Surrogate: M2-6:2 FTS	*60.1 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*81.4 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*79.5 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*173 %*			*25-200*					
	Surrogate: M9PFNA	*76.3 %*			*25-150*					
	Surrogate: M9PFNA	*60.8 %*			*25-150*					
	Surrogate: M9PFNA	*104 %*			*25-150*					

Analytical Batch Summary

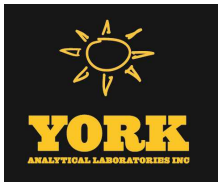
Batch ID: BE20048 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D1097-01	MW-2	05/02/22
22D1097-01RE1	MW-2	05/02/22
22D1097-02	MW-4	05/02/22
22D1097-02RE1	MW-4	05/02/22
22D1097-03	MW-6	05/02/22
22D1097-03RE1	MW-6	05/02/22
22D1097-03RE2	MW-6	05/02/22
BE20048-BLK1	Blank	05/02/22
BE20048-BS1	LCS	05/02/22
BE20048-BSD1	LCS Dup	05/02/22

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

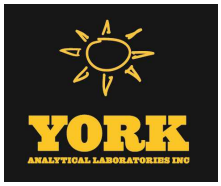
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20048 - SPE Ext-PFAS-EPA 537.1M											
Blank (BE20048-BLK1)											
Prepared: 05/02/2022 Analyzed: 05/03/2022											
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*59.5*		*"*	*74.3*		*80.0*	*25-150*				
Surrogate: M5PFHxA	*65.2*		*"*	*80.0*		*81.5*	*25-150*				
Surrogate: M4PFHpA	*81.1*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M3PFHxS	*71.1*		*"*	*75.7*		*93.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*63.2*		*"*	*80.0*		*79.0*	*25-150*				
Surrogate: M6PFDA	*66.3*		*"*	*80.0*		*82.9*	*25-150*				
Surrogate: M7PFUdA	*73.3*		*"*	*80.0*		*91.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.2*		*"*	*80.0*		*82.7*	*25-150*				
Surrogate: M2PFTeDA	*69.8*		*"*	*80.0*		*87.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*64.6*		*"*	*80.0*		*80.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*62.4*		*"*	*76.6*		*81.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*55.7*		*"*	*80.0*		*69.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*41.1*		*"*	*80.0*		*51.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*56.1*		*"*	*80.0*		*70.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*80.1*		*"*	*80.0*		*100*	*25-150*				
Surrogate: M2-6:2 FTS	*78.4*		*"*	*75.9*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*91.8*		*"*	*76.6*		*120*	*25-200*				
Surrogate: M9PFNA	*66.6*		*"*	*80.0*		*83.2*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20048 - SPE Ext-PFAS-EPA 537.1M											
LCS (BE20048-BS1)								Prepared: 05/02/2022 Analyzed: 05/03/2022			
Perfluorobutanesulfonic acid (PFBS)	75.0	2.00	ng/L	70.8		106	50-130				
Perfluorohexanoic acid (PFHxA)	83.3	2.00	"	80.0		104	50-130				
Perfluoroheptanoic acid (PFHpA)	67.3	2.00	"	80.0		84.2	50-130				
Perfluorohexanesulfonic acid (PFHxS)	85.8	2.00	"	72.8		118	50-130				
Perfluorooctanoic acid (PFOA)	88.2	2.00	"	80.0		110	50-130				
Perfluorooctanesulfonic acid (PFOS)	72.4	2.00	"	74.0		97.8	50-130				
Perfluorononanoic acid (PFNA)	78.6	2.00	"	80.0		98.2	50-130				
Perfluorodecanoic acid (PFDA)	80.5	2.00	"	80.0		101	50-130				
Perfluoroundecanoic acid (PFUnA)	80.6	2.00	"	80.0		101	50-130				
Perfluorododecanoic acid (PFDoA)	80.5	2.00	"	80.0		101	50-130				
Perfluorotridecanoic acid (PFTrDA)	84.5	2.00	"	80.0		106	50-130				
Perfluorotetradecanoic acid (PFTA)	68.1	2.00	"	80.0		85.1	50-130				
N-MeFOSAA	88.2	2.00	"	80.0		110	50-130				
N-EtFOSAA	83.5	2.00	"	80.0		104	50-130				
Perfluoropentanoic acid (PFPeA)	93.2	2.00	"	80.0		117	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	91.1	2.00	"	80.0		114	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	76.2	2.00	"	76.4		99.7	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	75.9	2.00	"	77.2		98.4	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	69.4	5.00	"	76.0		91.3	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	82.5	2.00	"	76.8		107	50-175				
Perfluoro-n-butanoic acid (PFBA)	82.2	2.00	"	80.0		103	50-130				
Surrogate: M3PFBS	*59.7*		"	*74.3*		*80.3*	*25-150*				
Surrogate: M5PFHxA	*66.3*		"	*80.0*		*82.9*	*25-150*				
Surrogate: M4PFHpA	*87.1*		"	*80.0*		*109*	*25-150*				
Surrogate: M3PFHxS	*66.7*		"	*75.7*		*88.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*70.8*		"	*80.0*		*88.5*	*25-150*				
Surrogate: M6PFDA	*77.8*		"	*80.0*		*97.3*	*25-150*				
Surrogate: M7PFUdA	*76.3*		"	*80.0*		*95.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.1*		"	*80.0*		*90.1*	*25-150*				
Surrogate: M2PFTeDA	*89.4*		"	*80.0*		*112*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*70.9*		"	*80.0*		*88.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*73.5*		"	*76.6*		*96.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*58.7*		"	*80.0*		*73.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*51.8*		"	*80.0*		*64.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*71.6*		"	*80.0*		*89.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*77.7*		"	*80.0*		*97.1*	*25-150*				
Surrogate: M2-6:2 FTS	*74.6*		"	*75.9*		*98.3*	*25-200*				
Surrogate: M2-8:2 FTS	*95.2*		"	*76.6*		*124*	*25-200*				
Surrogate: M9PFNA	*77.3*		"	*80.0*		*96.7*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20048 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BE20048-BSD1)									Prepared: 05/02/2022 Analyzed: 05/03/2022		
Perfluorobutanesulfonic acid (PFBS)	70.5	2.00	ng/L	70.8		99.6	50-130		6.23	30	
Perfluorohexanoic acid (PFHxA)	78.2	2.00	"	80.0		97.8	50-130		6.24	30	
Perfluoroheptanoic acid (PFHpA)	66.9	2.00	"	80.0		83.6	50-130		0.668	30	
Perfluorohexanesulfonic acid (PFHxS)	81.1	2.00	"	72.8		111	50-130		5.59	30	
Perfluorooctanoic acid (PFOA)	78.4	2.00	"	80.0		97.9	50-130		11.8	30	
Perfluorooctanesulfonic acid (PFOS)	68.8	2.00	"	74.0		93.0	50-130		5.06	30	
Perfluorononanoic acid (PFNA)	76.4	2.00	"	80.0		95.5	50-130		2.81	30	
Perfluorodecanoic acid (PFDA)	73.1	2.00	"	80.0		91.4	50-130		9.68	30	
Perfluoroundecanoic acid (PFUnA)	83.3	2.00	"	80.0		104	50-130		3.28	30	
Perfluorododecanoic acid (PFDoA)	75.8	2.00	"	80.0		94.8	50-130		5.97	30	
Perfluorotridecanoic acid (PFTrDA)	92.3	2.00	"	80.0		115	50-130		8.88	30	
Perfluorotetradecanoic acid (PFTA)	74.5	2.00	"	80.0		93.1	50-130		8.97	30	
N-MeFOSAA	86.0	2.00	"	80.0		107	50-130		2.55	30	
N-EtFOSAA	73.7	2.00	"	80.0		92.2	50-130		12.4	30	
Perfluoropentanoic acid (PFPeA)	89.8	2.00	"	80.0		112	50-130		3.75	30	
Perfluoro-1-octanesulfonamide (FOSA)	94.3	2.00	"	80.0		118	50-130		3.49	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	75.3	2.00	"	76.4		98.6	50-130		1.12	30	
Perfluoro-1-decanesulfonic acid (PFDS)	73.9	2.00	"	77.2		95.8	50-130		2.65	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	71.0	5.00	"	76.0		93.4	50-175		2.27	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	97.2	2.00	"	76.8		127	50-175		16.3	30	
Perfluoro-n-butanoic acid (PFBA)	78.7	2.00	"	80.0		98.4	50-130		4.27	30	
Surrogate: M3PFBS	*61.2*		"	*74.3*		*82.3*	*25-150*				
Surrogate: M5PFHxA	*62.8*		"	*80.0*		*78.5*	*25-150*				
Surrogate: M4PFHpA	*79.8*		"	*80.0*		*99.8*	*25-150*				
Surrogate: M3PFHxS	*66.4*		"	*75.7*		*87.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*70.5*		"	*80.0*		*88.2*	*25-150*				
Surrogate: M6PFDA	*75.5*		"	*80.0*		*94.4*	*25-150*				
Surrogate: M7PFUdA	*71.6*		"	*80.0*		*89.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*68.1*		"	*80.0*		*85.2*	*25-150*				
Surrogate: M2PFTeDA	*68.1*		"	*80.0*		*85.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.1*		"	*80.0*		*85.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*72.6*		"	*76.6*		*94.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*56.7*		"	*80.0*		*70.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*44.9*		"	*80.0*		*56.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*68.2*		"	*80.0*		*85.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*78.9*		"	*80.0*		*98.7*	*25-150*				
Surrogate: M2-6:2 FTS	*65.8*		"	*75.9*		*86.6*	*25-200*				
Surrogate: M2-8:2 FTS	*81.3*		"	*76.6*		*106*	*25-200*				
Surrogate: M9PFNA	*74.1*		"	*80.0*		*92.6*	*25-150*				

Sample and Data Qualifiers Relating to This Work Order

PFSu-L The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.

PFSu-H The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.

Definitions and Other Explanations

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2201097

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:		RUSH - Next Day
Address: 53 W. Hills Rd Huntington sta., NY	Address: Scott	Address: Kathy	YOUR Project Name: 9 North 15th Street Brooklyn, NY	RUSH - Two Day
Phone: (631) 673-0612	Phone:	Phone:		RUSH - Three Day
Contact: Scott Yanuck	Contact:	Contact:		RUSH - Four Day
E-mail: Labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 21-435.3	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Jamie Burgher

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-2	GW	4/21/22 0820	537M (2)	250mL HDPE
MW-4	↓	1045	↓	↓
MW-6	↓	1210	↓	↓

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[illegible]/Laurel Environmental	4/22/22 09:00	KBarkyork	4/22/22 950AM	KBarkyork 4/22/22	1628
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				AS	4/22/22 1629 / 3.3 Degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 04/29/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1102

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/29/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1102

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 22, 2022 and listed below. The project was identified as your project: **9 North 15th Street, Brooklyn, NY 21-435.3**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22D1102-01	DB-1 @ 5'	Soil	04/20/2022	04/22/2022
22D1102-02	DB-2 @ 5'	Soil	04/20/2022	04/22/2022
22D1102-03	DB-3 @ 5'	Soil	04/20/2022	04/22/2022
22D1102-04	DB-4 @ 6'	Soil	04/20/2022	04/22/2022
22D1102-05	DB-5 @ 8'	Soil	04/20/2022	04/22/2022
22D1102-06	DB-6 @ 5'	Soil	04/20/2022	04/22/2022
22D1102-07	DB-7 @ 8'	Soil	04/20/2022	04/22/2022
22D1102-08	DB-8 @ 8'	Soil	04/20/2022	04/22/2022
22D1102-09	DB-9 @ 5'	Soil	04/20/2022	04/22/2022
22D1102-10	DB-10 @ 8'	Soil	04/20/2022	04/22/2022
22D1102-11	DB-11 @ 8'	Soil	04/20/2022	04/22/2022
22D1102-12	DB-12 @ 8'	Soil	04/20/2022	04/22/2022
22D1102-13	DB-13 @ 7'	Soil	04/20/2022	04/22/2022
22D1102-14	DB-14 @ 5'	Soil	04/20/2022	04/22/2022
22D1102-15	DB-15 @ 8'	Soil	04/20/2022	04/22/2022
22D1102-16	DB-16 @ 6'	Soil	04/20/2022	04/22/2022

General Notes for York Project (SDG) No.: 22D1102

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 04/29/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: DB-1 @ 5' **York Sample ID:** 22D1102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:40 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-1 @ 5'

York Sample ID: 22D1102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:40 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	96	190	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 11:56	BMC
78-93-3	2-Butanone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	19	38	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
67-64-1	**Acetone**	**12**	J	ug/kg dry	9.6	19	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
107-02-8	Acrolein	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
71-43-2	Benzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
75-25-2	Bromoform	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
74-83-9	Bromomethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
75-00-3	Chloroethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
67-66-3	Chloroform	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
74-87-3	Chloromethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC

Sample Information

Client Sample ID: DB-1 @ 5' **York Sample ID:** 22D1102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:40 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
64-17-5	* Ethanol	ND		ug/kg dry	76	150	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**15**	J	ug/kg dry	9.6	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	4.8	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC

Sample Information

Client Sample ID: DB-1 @ 5' **York Sample ID:** 22D1102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:40 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
100-42-5	Styrene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	76	150	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 11:56	BMC
108-88-3	Toluene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH	04/26/2022 11:56	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 11:56	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	29	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 11:56	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*	*76-130*

Sample Information

Client Sample ID: DB-1 @ 5' **York Sample ID:** 22D1102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:40 pm	04/22/2022

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.0**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications: CTDOH			

Sample Information

Client Sample ID: DB-2 @ 5' **York Sample ID:** 22D1102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:00 am	04/22/2022

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: DB-2 @ 5' **York Sample ID:** 22D1102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	22	43	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-2 @ 5' **York Sample ID:** 22D1102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**21**		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
64-17-5	* Ethanol	ND		ug/kg dry	87	170	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-88-4	* Iodomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC NELAC-NY10854,NELAC-NY12058,NJDEP

Sample Information

Client Sample ID: DB-2 @ 5' **York Sample ID:** 22D1102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
75-09-2	**Methylene chloride**	**30**		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
91-20-3	Naphthalene	ND		ug/kg dry	5.4	22	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
95-47-6	o-Xylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
100-42-5	Styrene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	87	170	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
127-18-4	**Tetrachloroethylene**	**10**	J	ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:24	BMC
108-88-3	Toluene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:24	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH	04/26/2022 06:40	04/26/2022 12:24	BMC

Sample Information

Client Sample ID: DB-2 @ 5' **York Sample ID:** 22D1102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**120**		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-05-4	Vinyl acetate	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	33	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:24	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.3**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications: CTDOH			

Sample Information

Client Sample ID: DB-3 @ 5' **York Sample ID:** 22D1102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:52	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:52	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	04/26/2022 06:40	04/26/2022 12:52	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: DB-3 @ 5' **York Sample ID:** 22D1102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	210	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	21	41	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-3 @ 5' **York Sample ID:** 22D1102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
67-64-1	Acetone	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
107-02-8	Acrolein	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
71-43-2	Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
75-25-2	Bromoform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
74-83-9	Bromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
75-00-3	Chloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
67-66-3	Chloroform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
74-87-3	Chloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC

Sample Information

Client Sample ID: DB-3 @ 5' **York Sample ID:** 22D1102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
64-17-5	* Ethanol	ND		ug/kg dry	82	160	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 12:52	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	10	21	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
91-20-3	Naphthalene	ND		ug/kg dry	5.1	21	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
95-47-6	o-Xylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/26/2022 12:52	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/26/2022 12:52	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 12:52	BMC

Sample Information

Client Sample ID: DB-3 @ 5' **York Sample ID:** 22D1102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	82	160	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
127-18-4	**Tetrachloroethylene**	**12**		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	10	21	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 12:52	BMC
108-88-3	Toluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH	04/26/2022 06:40	04/26/2022 12:52	BMC
79-01-6	**Trichloroethylene**	**17**		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 12:52	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	31	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 06:40	04/26/2022 12:52	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*115 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.1 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.2**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: **DB-3 @ 5'** **York Sample ID:** **22D1102-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

Sample Information

Client Sample ID: **DB-4 @ 6'** **York Sample ID:** **22D1102-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:00 am	04/22/2022

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
71-55-6	**1,1,1-Trichloroethane**	**5.0**	CCV-E, J	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 13:21	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 13:21	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 13:21	BMC

Sample Information

Client Sample ID: DB-4 @ 6' **York Sample ID:** 22D1102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	**1,4-Dichlorobenzene**	**5.4**	IS-LO, J	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	12	24	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**13**		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-4 @ 6' **York Sample ID:** 22D1102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	**Chloroform**	**5.9**	J	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**23**		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
64-17-5	* Ethanol	ND		ug/kg dry	48	97	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND	IS-LO	ug/kg dry	3.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-4 @ 6' **York Sample ID:** 22D1102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
622-96-8	* p-Ethyltoluene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	48	97	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**120**		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH
79-01-6	**Trichloroethylene**	**100000**		ug/kg dry	3100	6200	1000	EPA 8260C Certifications:	04/29/2022 06:29	04/29/2022 11:54	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 13:21	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: DB-4 @ 6' **York Sample ID:** 22D1102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C	04/26/2022 06:40	04/26/2022 13:21	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*117 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*124 %*	IS-LO	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications: CTDOH			

Sample Information

Client Sample ID: DB-5 @ 8' **York Sample ID:** 22D1102-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:30	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: DB-5 @ 8' **York Sample ID:** 22D1102-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	84	170	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	17	33	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-5 @ 8' **York Sample ID:** 22D1102-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**11**		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
64-17-5	* Ethanol	ND		ug/kg dry	67	130	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC

Sample Information

Client Sample ID: DB-5 @ 8' **York Sample ID:** 22D1102-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**18**		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	4.2	17	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	67	130	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-5 @ 8' **York Sample ID:** 22D1102-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:10 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
127-18-4	**Tetrachloroethylene**	**120**		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:30	BMC
108-88-3	Toluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH	04/28/2022 06:16	04/28/2022 12:30	BMC
79-01-6	**Trichloroethylene**	**190**		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:30	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2022 06:16	04/28/2022 12:30	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.2**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: **DB-6 @ 5'** **York Sample ID:** **22D1102-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:50 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
71-55-6	**1,1,1-Trichloroethane**	**6.4**	CCV-E	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 14:17	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 14:17	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 14:17	BMC

Sample Information

Client Sample ID: DB-6 @ 5' **York Sample ID:** 22D1102-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:50 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**3.6**	J	ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	12	24	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**18**		ug/kg dry	6.0	12	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**4.7**	J	ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**21**		ug/kg dry	3.0	6.0	1	EPA 8260C	04/26/2022 06:40	04/26/2022 14:17	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DB-6 @ 5' **York Sample ID:** 22D1102-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:50 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
64-17-5	* Ethanol	ND		ug/kg dry	48	97	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**19**		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC

Sample Information

Client Sample ID: DB-6 @ 5' **York Sample ID:** 22D1102-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:50 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	48	97	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	**Tetrachloroethylene**	**33**		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17	BMC
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH	BMC
79-01-6	**Trichloroethylene**	**66000**		ug/kg dry	1600	3100	500	EPA 8260C Certifications:	04/29/2022 06:29	04/29/2022 11:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 14:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Sample Information

Client Sample ID: DB-6 @ 5' **York Sample ID:** 22D1102-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:50 am	04/22/2022

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: DB-7 @ 8' **York Sample ID:** 22D1102-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:35 am	04/22/2022

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2022 06:16	04/28/2022 12:56	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2022 06:16	04/28/2022 12:56	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC

Sample Information

Client Sample ID: DB-7 @ 8' **York Sample ID:** 22D1102-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:35 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	99	200	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	20	39	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**11**	J	ug/kg dry	9.9	20	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-7 @ 8'

York Sample ID: 22D1102-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:35 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**15**		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
64-17-5	* Ethanol	ND		ug/kg dry	79	160	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

Sample Information

Client Sample ID: DB-7 @ 8' **York Sample ID:** 22D1102-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:35 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
75-09-2	**Methylene chloride**	**40**		ug/kg dry	9.9	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
91-20-3	Naphthalene	ND		ug/kg dry	4.9	20	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
95-47-6	o-Xylene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
100-42-5	Styrene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	79	160	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
127-18-4	**Tetrachloroethylene**	**53**		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 12:56	BMC
108-88-3	Toluene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 12:56	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.9	9.9	1	EPA 8260C Certifications: CTDOH	04/28/2022 06:16	04/28/2022 12:56	BMC

Sample Information

Client Sample ID: DB-7 @ 8' **York Sample ID:** 22D1102-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 9:35 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**140**		ug/kg dry	4.9	9.9	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:56	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.9	9.9	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:56	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/kg dry	4.9	9.9	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.9	9.9	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:56	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	30	1	EPA 8260C	04/28/2022 06:16	04/28/2022 12:56	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.1**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications:	CTDOH		

Sample Information

Client Sample ID: DB-8 @ 8' **York Sample ID:** 22D1102-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	04/28/2022 06:16	04/28/2022 13:21	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	04/28/2022 06:16	04/28/2022 13:21	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	04/28/2022 06:16	04/28/2022 13:21	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DB-8 @ 8'

York Sample ID: 22D1102-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	76	150	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	15	30	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-8 @ 8' **York Sample ID:** 22D1102-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**29**		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-8 @ 8' **York Sample ID:** 22D1102-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
64-17-5	* Ethanol	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2022 13:21	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
75-09-2	**Methylene chloride**	**17**		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
91-20-3	Naphthalene	ND		ug/kg dry	3.8	15	1	EPA 8260C Certifications:	04/28/2022 06:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2022 13:21	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/28/2022 13:21	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications:	04/28/2022 06:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 13:21	BMC

Sample Information

Client Sample ID: DB-8 @ 8' **York Sample ID:** 22D1102-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	61	120	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
127-18-4	**Tetrachloroethylene**	**170**		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:21	BMC
108-88-3	Toluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH	04/28/2022 06:16	04/28/2022 13:21	BMC
79-01-6	**Trichloroethylene**	**190**		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.8	7.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 13:21	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/28/2022 06:16	04/28/2022 13:21	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.1**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: DB-8 @ 8' **York Sample ID:** 22D1102-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:20 am	04/22/2022

Sample Information

Client Sample ID: DB-9 @ 5' **York Sample ID:** 22D1102-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:00 am	04/22/2022

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-9 @ 5' **York Sample ID:** 22D1102-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	97	190	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	19	39	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-9 @ 5' **York Sample ID:** 22D1102-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
75-00-3	Chloroethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
67-66-3	Chloroform	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
74-87-3	Chloromethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
64-17-5	* Ethanol	ND		ug/kg dry	78	160	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 15:42	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
75-09-2	**Methylene chloride**	**29**		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC
91-20-3	Naphthalene	ND		ug/kg dry	4.9	19	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 15:42	BMC

Sample Information

Client Sample ID: DB-9 @ 5' **York Sample ID:** 22D1102-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	78	160	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42	BMC
108-88-3	Toluene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH	BMC
79-01-6	**Trichloroethylene**	**25**		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 15:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-9 @ 5' **York Sample ID:** 22D1102-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:00 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	29	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 06:40	04/26/2022 15:42	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.6 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: DB-10 @ 8' **York Sample ID:** 22D1102-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 06:40	04/26/2022 16:10	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC

Sample Information

Client Sample ID: DB-10 @ 8'

York Sample ID: 22D1102-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 16:10	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 16:10	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	12	23	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 16:10	BMC

Sample Information

Client Sample ID: **DB-10 @ 8'** **York Sample ID:** **22D1102-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**410**	VOA-E	ug/kg dry	5.8	12	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**19**		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.6	9.2	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:			
64-17-5	* Ethanol	ND		ug/kg dry	46	92	1	EPA 8260C	04/26/2022 06:40	04/26/2022 16:10	BMC
								Certifications:			

Sample Information

Client Sample ID: **DB-10 @ 8'** **York Sample ID:** **22D1102-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**10**	J	ug/kg dry	5.8	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	46	92	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-10 @ 8'

York Sample ID: 22D1102-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
127-18-4	**Tetrachloroethylene**	**33**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 16:10	BMC
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH	04/26/2022 06:40	04/26/2022 16:10	BMC
79-01-6	**Trichloroethylene**	**120**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 16:10	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 06:40	04/26/2022 16:10	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.5**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: **DB-11 @ 8'** **York Sample ID:** **22D1102-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:55 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-11 @ 8' **York Sample ID:** 22D1102-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:55 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	12	23	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**25**		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-11 @ 8'

York Sample ID: 22D1102-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:55 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
64-17-5	* Ethanol	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**23**		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC

Sample Information

Client Sample ID: DB-11 @ 8'

York Sample ID: 22D1102-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:55 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	47	94	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**37**		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH
79-01-6	**Trichloroethylene**	**140**		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 13:47	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Sample Information

Client Sample ID: DB-11 @ 8' **York Sample ID:** 22D1102-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 10:55 am	04/22/2022

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.1		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: DB-12 @ 8' **York Sample ID:** 22D1102-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:40 am	04/22/2022

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 06:40	04/26/2022 17:07	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 06:40	04/26/2022 17:07	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 17:07	BMC

Sample Information

Client Sample ID: DB-12 @ 8'

York Sample ID: 22D1102-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	97	190	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	19	39	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**14**	J	ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-12 @ 8'

York Sample ID: 22D1102-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**26**		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
64-17-5	* Ethanol	ND		ug/kg dry	77	150	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

Sample Information

Client Sample ID: DB-12 @ 8'

York Sample ID: 22D1102-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**34**		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	4.8	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	77	150	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	**Tetrachloroethylene**	**84**		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	9.7	19	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07	BMC
108-88-3	Toluene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:07 CTDOH	BMC

Sample Information

Client Sample ID: DB-12 @ 8' **York Sample ID:** 22D1102-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:40 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**110**		ug/kg dry	4.8	9.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	29	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.5**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications:	CTDOH		

Sample Information

Client Sample ID: DB-13 @ 7' **York Sample ID:** 22D1102-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:05 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:35	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:35	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C	04/26/2022 06:40	04/26/2022 17:35	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DB-13 @ 7'

York Sample ID: 22D1102-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:05 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	71	140	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	14	28	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-13 @ 7'

York Sample ID: 22D1102-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:05 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**50**		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**31**		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-13 @ 7'

York Sample ID: 22D1102-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:05 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
64-17-5	* Ethanol	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 17:35	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
75-09-2	**Methylene chloride**	**10**	J	ug/kg dry	7.1	14	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
91-20-3	Naphthalene	ND		ug/kg dry	3.5	14	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/26/2022 17:35	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/26/2022 17:35	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 17:35	BMC

Sample Information

Client Sample ID: DB-13 @ 7'

York Sample ID: 22D1102-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:05 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	**Tetrachloroethylene**	**21**		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35	BMC
108-88-3	Toluene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH	BMC
79-01-6	**Trichloroethylene**	**35**		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	21	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 17:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.4**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: **DB-13 @ 7'** **York Sample ID:** **22D1102-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:05 pm	04/22/2022

Sample Information

Client Sample ID: **DB-14 @ 5'** **York Sample ID:** **22D1102-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:20 am	04/22/2022

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
71-55-6	**1,1,1-Trichloroethane**	**5.6**	CCV-E	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 18:03	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 18:03	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:03	BMC

Sample Information

Client Sample ID: DB-14 @ 5'

York Sample ID: 22D1102-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	11	22	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	**Acetone**	**6.5**	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-14 @ 5'

York Sample ID: 22D1102-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	**Chloroform**	**2.8**	J	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	**cis-1,2-Dichloroethylene**	**9.8**		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
64-17-5	* Ethanol	ND		ug/kg dry	44	87	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-14 @ 5'

York Sample ID: 22D1102-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	44	87	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	4.4	8.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	**Tetrachloroethylene**	**9.8**		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03	BMC
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH	BMC
79-01-6	**Trichloroethylene**	**23000**		ug/kg dry	360	720	100	EPA 8260C Certifications:	04/28/2022 06:16	04/28/2022 14:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-14 @ 5' **York Sample ID:** 22D1102-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 8:20 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:03	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications: CTDOH			

Sample Information

Client Sample ID: DB-15 @ 8' **York Sample ID:** 22D1102-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:25 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: DB-15 @ 8'

York Sample ID: 22D1102-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:25 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 18:32	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	69	140	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 18:32	BMC
78-93-3	2-Butanone	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	14	28	1	EPA 8260C Certifications:	04/26/2022 06:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 18:32	BMC

Sample Information

Client Sample ID: **DB-15 @ 8'** **York Sample ID:** **22D1102-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:25 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**12**	J	ug/kg dry	6.9	14	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	6.9	14	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**74**		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	5.5	11	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:			
64-17-5	* Ethanol	ND		ug/kg dry	55	110	1	EPA 8260C	04/26/2022 06:40	04/26/2022 18:32	BMC
								Certifications:			

Sample Information

Client Sample ID: **DB-15 @ 8'** **York Sample ID:** **22D1102-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:25 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**13**	J	ug/kg dry	6.9	14	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	3.4	14	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-15 @ 8'

York Sample ID: 22D1102-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 11:25 am	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
127-18-4	**Tetrachloroethylene**	**150**		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 18:32	BMC
108-88-3	Toluene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH	04/26/2022 06:40	04/26/2022 18:32	BMC
79-01-6	**Trichloroethylene**	**2500**		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 06:16	04/28/2022 15:04	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.4	6.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/26/2022 06:40	04/26/2022 18:32	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/26/2022 06:40	04/26/2022 18:32	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.5**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Sample Information

Client Sample ID: DB-16 @ 6'

York Sample ID: 22D1102-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:25 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: DB-16 @ 6'

York Sample ID: 22D1102-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:25 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-75-8	2-Chloroethylvinyl ether	ND		ug/kg dry	13	27	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/kg dry	1300	2600	200	EPA 8260C	04/29/2022 06:29	04/29/2022 11:03	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	6.7	13	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**59**		ug/kg dry	3.4	6.7	1	EPA 8260C	04/26/2022 06:40	04/26/2022 19:00	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DB-16 @ 6'

York Sample ID: 22D1102-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:25 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-20-3	* Diisopropyl ether (DIPE)	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
64-17-5	* Ethanol	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-88-4	* Iodomethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	**Methylene chloride**	**10**	J	ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
91-20-3	Naphthalene	ND		ug/kg dry	3.4	13	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
105-05-5	* p-Diethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC

Sample Information

Client Sample ID: DB-16 @ 6'

York Sample ID: 22D1102-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:25 pm	04/22/2022

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-85-4	* tert-Amyl alcohol (TAA)	ND		ug/kg dry	54	110	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
994-05-8	* tert-Amyl methyl ether (TAME)	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	**Tetrachloroethylene**	**57**		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
109-99-9	* Tetrahydrofuran	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00	BMC
108-88-3	Toluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH	BMC
79-01-6	**Trichloroethylene**	**39000**		ug/kg dry	640	1300	200	EPA 8260C Certifications:	04/29/2022 06:29	04/29/2022 11:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-05-4	Vinyl acetate	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications:	04/26/2022 06:40	04/26/2022 19:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Sample Information

Client Sample ID: **DB-16 @ 6'** **York Sample ID:** **22D1102-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1102	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 20, 2022 12:25 pm	04/22/2022

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	**89.6**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BD21520 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22D1102-01	DB-1 @ 5'	04/26/22
22D1102-02	DB-2 @ 5'	04/26/22
22D1102-03	DB-3 @ 5'	04/26/22
22D1102-04	DB-4 @ 6'	04/26/22
22D1102-06	DB-6 @ 5'	04/26/22
22D1102-09	DB-9 @ 5'	04/26/22
22D1102-10	DB-10 @ 8'	04/26/22
22D1102-12	DB-12 @ 8'	04/26/22
22D1102-13	DB-13 @ 7'	04/26/22
22D1102-14	DB-14 @ 5'	04/26/22
22D1102-15	DB-15 @ 8'	04/26/22
22D1102-16	DB-16 @ 6'	04/26/22
BD21520-BLK1	Blank	04/26/22
BD21520-BLK2	Blank	04/26/22
BD21520-BS1	LCS	04/26/22
BD21520-BSD1	LCS Dup	04/26/22

Batch ID: BD21686 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22D1102-05	DB-5 @ 8'	04/28/22
22D1102-07	DB-7 @ 8'	04/28/22
22D1102-08	DB-8 @ 8'	04/28/22
22D1102-11	DB-11 @ 8'	04/28/22
22D1102-14RE1	DB-14 @ 5'	04/28/22
22D1102-15RE1	DB-15 @ 8'	04/28/22
BD21686-BLK1	Blank	04/28/22
BD21686-BLK2	Blank	04/28/22
BD21686-BS1	LCS	04/28/22
BD21686-BSD1	LCS Dup	04/28/22

Batch ID: BD21763 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22D1102-04RE1	DB-4 @ 6'	04/29/22
22D1102-06RE1	DB-6 @ 5'	04/29/22
22D1102-16RE1	DB-16 @ 6'	04/29/22
BD21763-BLK1	Blank	04/29/22
BD21763-BLK2	Blank	04/29/22
BD21763-BS1	LCS	04/29/22
BD21763-BSD1	LCS Dup	04/29/22
BD21763-MS1	Matrix Spike	04/29/22
BD21763-MSD1	Matrix Spike Dup	04/29/22

Batch ID: BD21783 **Preparation Method:** % Solids Prep **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22D1102-01	DB-1 @ 5'	04/28/22
22D1102-02	DB-2 @ 5'	04/28/22
22D1102-03	DB-3 @ 5'	04/28/22
22D1102-04	DB-4 @ 6'	04/28/22
22D1102-05	DB-5 @ 8'	04/28/22
22D1102-06	DB-6 @ 5'	04/28/22
22D1102-07	DB-7 @ 8'	04/28/22
22D1102-08	DB-8 @ 8'	04/28/22
22D1102-09	DB-9 @ 5'	04/28/22
22D1102-10	DB-10 @ 8'	04/28/22
22D1102-11	DB-11 @ 8'	04/28/22
22D1102-12	DB-12 @ 8'	04/28/22
22D1102-13	DB-13 @ 7'	04/28/22
22D1102-14	DB-14 @ 5'	04/28/22
22D1102-15	DB-15 @ 8'	04/28/22
22D1102-16	DB-16 @ 6'	04/28/22
BD21783-DUP1	Duplicate	04/28/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
Blank (BD21520-BLK1)											Prepared & Analyzed: 04/26/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4,5-Tetramethylbenzene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	3.1	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chloroethylvinyl ether	ND	20	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
Blank (BD21520-BLK1)											Prepared & Analyzed: 04/26/2022
Dibromomethane	ND	5.0	ug/kg wet								
Dichlorodifluoromethane	ND	5.0	"								
Diisopropyl ether (DIPE)	ND	8.0	"								
Ethanol	ND	80	"								
Ethyl Benzene	ND	5.0	"								
Ethyl tert-butyl ether (ETBE)	ND	8.0	"								
Hexachlorobutadiene	ND	5.0	"								
Iodomethane	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Diethylbenzene	ND	5.0	"								
p-Ethyltoluene	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Amyl alcohol (TAA)	ND	80	"								
tert-Amyl methyl ether (TAME)	ND	8.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.7*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
Blank (BD21520-BLK2)											Prepared & Analyzed: 04/26/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4,5-Tetramethylbenzene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	3.8	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chloroethylvinyl ether	ND	20	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	2.9	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
Blank (BD21520-BLK2)											Prepared & Analyzed: 04/26/2022
Dichlorodifluoromethane	ND	5.0	ug/kg wet								
Diisopropyl ether (DIPE)	ND	8.0	"								
Ethanol	ND	80	"								
Ethyl Benzene	ND	5.0	"								
Ethyl tert-butyl ether (ETBE)	ND	8.0	"								
Hexachlorobutadiene	ND	5.0	"								
Iodomethane	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Diethylbenzene	ND	5.0	"								
p-Ethyltoluene	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Amyl alcohol (TAA)	ND	80	"								
tert-Amyl methyl ether (TAME)	ND	8.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
LCS (BD21520-BS1)								Prepared & Analyzed: 04/26/2022			
1,1,1,2-Tetrachloroethane	56.2		ug/L	50.0		112	75-129				
1,1,1-Trichloroethane	58.9		"	50.0		118	71-137				
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.8		"	50.0		99.6	58-146				
1,1,2-Trichloroethane	50.7		"	50.0		101	83-123				
1,1-Dichloroethane	49.7		"	50.0		99.3	75-130				
1,1-Dichloroethylene	48.7		"	50.0		97.4	64-137				
1,1-Dichloropropylene	49.2		"	50.0		98.4	77-127				
1,2,3-Trichlorobenzene	51.8		"	50.0		104	81-140				
1,2,3-Trichloropropane	52.8		"	50.0		106	81-126				
1,2,4,5-Tetramethylbenzene	52.7		"	50.0		105	63-156				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	50.2		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	53.6		"	50.0		107	74-142				
1,2-Dibromoethane	54.2		"	50.0		108	86-123				
1,2-Dichlorobenzene	51.0		"	50.0		102	85-122				
1,2-Dichloroethane	53.0		"	50.0		106	71-133				
1,2-Dichloropropane	46.9		"	50.0		93.9	81-122				
1,3,5-Trimethylbenzene	49.4		"	50.0		98.7	82-126				
1,3-Dichlorobenzene	50.2		"	50.0		100	84-124				
1,3-Dichloropropane	49.0		"	50.0		98.1	83-123				
1,4-Dichlorobenzene	54.9		"	50.0		110	84-124				
1,4-Dioxane	1170		"	1050		112	10-228				
2,2-Dichloropropane	65.0		"	50.0		130	67-136				
2-Butanone	52.2		"	50.0		104	58-147				
2-Chloroethylvinyl ether	54.9		"	50.0		110	10-166				
2-Chlorotoluene	49.7		"	50.0		99.4	78-127				
2-Hexanone	46.6		"	50.0		93.2	70-139				
4-Chlorotoluene	48.6		"	50.0		97.2	79-125				
4-Methyl-2-pentanone	45.9		"	50.0		91.9	72-132				
Acetone	38.9		"	50.0		77.9	36-155				
Acrolein	25.8		"	50.0		51.6	10-238				
Acrylonitrile	49.4		"	50.0		98.8	66-141				
Benzene	50.2		"	50.0		100	77-127				
Bromobenzene	47.0		"	50.0		93.9	77-129				
Bromochloromethane	46.4		"	50.0		92.7	74-129				
Bromodichloromethane	54.1		"	50.0		108	81-124				
Bromoform	59.1		"	50.0		118	80-136				
Bromomethane	48.6		"	50.0		97.1	32-177				
Carbon disulfide	44.1		"	50.0		88.2	10-136				
Carbon tetrachloride	62.1		"	50.0		124	66-143				
Chlorobenzene	54.4		"	50.0		109	86-120				
Chloroethane	48.9		"	50.0		97.8	51-142				
Chloroform	55.7		"	50.0		111	76-131				
Chloromethane	33.1		"	50.0		66.1	49-132				
cis-1,2-Dichloroethylene	49.7		"	50.0		99.4	74-132				
cis-1,3-Dichloropropylene	52.6		"	50.0		105	81-129				
Cyclohexane	42.0		"	50.0		84.0	70-130				
Dibromochloromethane	58.2		"	50.0		116	10-200				
Dibromomethane	49.8		"	50.0		99.5	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
LCS (BD21520-BS1)								Prepared & Analyzed: 04/26/2022			
Dichlorodifluoromethane	31.4		ug/L	50.0		62.8	28-158				
Diisopropyl ether (DIPE)	46.8		"	50.0		93.5	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	50.4		ug/L	50.0		101	84-125				
Ethyl tert-butyl ether (ETBE)	52.7		"	50.0		105	70-130				
Hexachlorobutadiene	56.9		"	50.0		114	83-133				
Iodomethane	65.8		"	50.0		132	70-130	High Bias			
Isopropylbenzene	51.0		"	50.0		102	81-127				
Methyl acetate	41.5		"	50.0		83.0	41-143				
Methyl Methacrylate	49.4		"	50.0		98.8	79-125				
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131				
Methylcyclohexane	45.4		"	50.0		90.9	70-130				
Methylene chloride	44.5		"	50.0		89.1	57-141				
Naphthalene	51.8		"	50.0		104	86-141				
n-Butylbenzene	46.3		"	50.0		92.6	80-130				
n-Propylbenzene	47.5		"	50.0		94.9	74-136				
o-Xylene	52.5		"	50.0		105	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
p-Diethylbenzene	50.7		"	50.0		101	70-144				
p-Ethyltoluene	52.2		"	50.0		104	84-123				
p-Isopropyltoluene	51.2		"	50.0		102	85-125				
sec-Butylbenzene	49.3		"	50.0		98.6	83-125				
Styrene	49.6		"	50.0		99.2	86-126				
tert-Amyl alcohol (TAA)	609		"	500		122	70-130				
tert-Amyl methyl ether (TAME)	58.9		"	50.0		118	70-130				
tert-Butyl alcohol (TBA)	261		"	250		104	70-130				
tert-Butylbenzene	51.3		"	50.0		103	80-127				
Tetrachloroethylene	48.7		"	50.0		97.3	80-129				
Tetrahydrofuran	47.0		"	50.0		94.0	64-137				
Toluene	48.4		"	50.0		96.9	85-121				
trans-1,2-Dichloroethylene	49.0		"	50.0		98.0	72-132				
trans-1,3-Dichloropropylene	56.5		"	50.0		113	78-132				
trans-1,4-dichloro-2-butene	50.7		"	50.0		101	75-135				
Trichloroethylene	51.1		"	50.0		102	84-123				
Trichlorofluoromethane	50.4		"	50.0		101	62-140				
Vinyl acetate	36.0		"	50.0		72.0	67-136				
Vinyl Chloride	40.4		"	50.0		80.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
LCS Dup (BD21520-BSD1)								Prepared & Analyzed: 04/26/2022			
1,1,1,2-Tetrachloroethane	53.8		ug/L	50.0		108	75-129		4.29	30	
1,1,1-Trichloroethane	59.0		"	50.0		118	71-137		0.288	30	
1,1,2,2-Tetrachloroethane	46.0		"	50.0		91.9	79-129		4.63	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.5		"	50.0		103	58-146		3.40	30	
1,1,2-Trichloroethane	48.4		"	50.0		96.8	83-123		4.54	30	
1,1-Dichloroethane	49.2		"	50.0		98.4	75-130		0.971	30	
1,1-Dichloroethylene	45.7		"	50.0		91.5	64-137		6.29	30	
1,1-Dichloropropylene	50.3		"	50.0		101	77-127		2.27	30	
1,2,3-Trichlorobenzene	50.4		"	50.0		101	81-140		2.66	30	
1,2,3-Trichloropropane	49.8		"	50.0		99.7	81-126		5.79	30	
1,2,4,5-Tetramethylbenzene	51.2		"	50.0		102	63-156		2.81	30	
1,2,4-Trichlorobenzene	51.5		"	50.0		103	80-141		1.27	30	
1,2,4-Trimethylbenzene	48.7		"	50.0		97.5	84-125		2.85	30	
1,2-Dibromo-3-chloropropane	53.4		"	50.0		107	74-142		0.411	30	
1,2-Dibromoethane	52.6		"	50.0		105	86-123		3.13	30	
1,2-Dichlorobenzene	48.8		"	50.0		97.7	85-122		4.38	30	
1,2-Dichloroethane	52.4		"	50.0		105	71-133		1.14	30	
1,2-Dichloropropane	46.3		"	50.0		92.6	81-122		1.42	30	
1,3,5-Trimethylbenzene	49.2		"	50.0		98.3	82-126		0.365	30	
1,3-Dichlorobenzene	49.1		"	50.0		98.1	84-124		2.30	30	
1,3-Dichloropropane	47.4		"	50.0		94.8	83-123		3.36	30	
1,4-Dichlorobenzene	53.7		"	50.0		107	84-124		2.19	30	
1,4-Dioxane	1200		"	1050		114	10-228		2.36	30	
2,2-Dichloropropane	67.2		"	50.0		134	67-136		3.28	30	
2-Butanone	57.2		"	50.0		114	58-147		9.23	30	
2-Chloroethylvinyl ether	51.1		"	50.0		102	10-166		7.06	30	
2-Chlorotoluene	48.6		"	50.0		97.2	78-127		2.16	30	
2-Hexanone	44.9		"	50.0		89.7	70-139		3.74	30	
4-Chlorotoluene	52.7		"	50.0		105	79-125		8.00	30	
4-Methyl-2-pentanone	44.7		"	50.0		89.3	72-132		2.78	30	
Acetone	39.5		"	50.0		79.0	36-155		1.48	30	
Acrolein	27.8		"	50.0		55.6	10-238		7.61	30	
Acrylonitrile	52.1		"	50.0		104	66-141		5.28	30	
Benzene	50.6		"	50.0		101	77-127		0.794	30	
Bromobenzene	45.5		"	50.0		91.0	77-129		3.11	30	
Bromochloromethane	45.8		"	50.0		91.7	74-129		1.15	30	
Bromodichloromethane	53.0		"	50.0		106	81-124		2.07	30	
Bromoform	56.5		"	50.0		113	80-136		4.53	30	
Bromomethane	49.1		"	50.0		98.2	32-177		1.06	30	
Carbon disulfide	45.2		"	50.0		90.5	10-136		2.57	30	
Carbon tetrachloride	63.2		"	50.0		126	66-143		1.76	30	
Chlorobenzene	54.2		"	50.0		108	86-120		0.442	30	
Chloroethane	50.5		"	50.0		101	51-142		3.16	30	
Chloroform	55.5		"	50.0		111	76-131		0.396	30	
Chloromethane	33.8		"	50.0		67.7	49-132		2.30	30	
cis-1,2-Dichloroethylene	50.3		"	50.0		101	74-132		1.14	30	
cis-1,3-Dichloropropylene	52.3		"	50.0		105	81-129		0.591	30	
Cyclohexane	42.9		"	50.0		85.8	70-130		2.21	30	
Dibromochloromethane	55.6		"	50.0		111	10-200		4.68	30	
Dibromomethane	49.2		"	50.0		98.4	83-124		1.13	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21520 - EPA 5035A											
LCS Dup (BD21520-BSD1)								Prepared & Analyzed: 04/26/2022			
Dichlorodifluoromethane	31.6		ug/L	50.0		63.3	28-158		0.793	30	
Diisopropyl ether (DIPE)	45.4		"	50.0		90.7	70-130		3.06	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	50.0		ug/L	50.0		100	84-125		0.777	30	
Ethyl tert-butyl ether (ETBE)	50.2		"	50.0		100	70-130		4.86	30	
Hexachlorobutadiene	56.7		"	50.0		113	83-133		0.335	30	
Iodomethane	67.2		"	50.0		134	70-130	High Bias	2.17	30	
Isopropylbenzene	50.5		"	50.0		101	81-127		0.907	30	
Methyl acetate	42.2		"	50.0		84.3	41-143		1.60	30	
Methyl Methacrylate	47.6		"	50.0		95.1	79-125		3.73	30	
Methyl tert-butyl ether (MTBE)	51.5		"	50.0		103	74-131		3.88	30	
Methylcyclohexane	46.2		"	50.0		92.3	70-130		1.55	30	
Methylene chloride	43.7		"	50.0		87.4	57-141		1.86	30	
Naphthalene	49.6		"	50.0		99.2	86-141		4.42	30	
n-Butylbenzene	46.3		"	50.0		92.6	80-130		0.0216	30	
n-Propylbenzene	47.2		"	50.0		94.3	74-136		0.655	30	
o-Xylene	51.2		"	50.0		102	83-123		2.37	30	
p- & m- Xylenes	101		"	100		101	82-128		1.17	30	
p-Diethylbenzene	50.1		"	50.0		100	70-144		1.19	30	
p-Ethyltoluene	51.2		"	50.0		102	84-123		1.95	30	
p-Isopropyltoluene	50.7		"	50.0		101	85-125		1.08	30	
sec-Butylbenzene	48.5		"	50.0		97.0	83-125		1.66	30	
Styrene	48.1		"	50.0		96.2	86-126		3.05	30	
tert-Amyl alcohol (TAA)	593		"	500		119	70-130		2.60	30	
tert-Amyl methyl ether (TAME)	56.2		"	50.0		112	70-130		4.81	30	
tert-Butyl alcohol (TBA)	272		"	250		109	70-130		4.29	30	
tert-Butylbenzene	50.7		"	50.0		101	80-127		1.27	30	
Tetrachloroethylene	49.9		"	50.0		99.7	80-129		2.44	30	
Tetrahydrofuran	48.4		"	50.0		96.7	64-137		2.85	30	
Toluene	48.6		"	50.0		97.1	85-121		0.289	30	
trans-1,2-Dichloroethylene	50.0		"	50.0		99.9	72-132		1.98	30	
trans-1,3-Dichloropropylene	54.6		"	50.0		109	78-132		3.49	30	
trans-1,4-dichloro-2-butene	48.3		"	50.0		96.6	75-135		4.79	30	
Trichloroethylene	51.6		"	50.0		103	84-123		1.03	30	
Trichlorofluoromethane	52.3		"	50.0		105	62-140		3.74	30	
Vinyl acetate	35.0		"	50.0		70.1	67-136		2.73	30	
Vinyl Chloride	41.9		"	50.0		83.8	52-130		3.64	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
Blank (BD21686-BLK1)											Prepared & Analyzed: 04/28/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4,5-Tetramethylbenzene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chloroethylvinyl ether	ND	20	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
Blank (BD21686-BLK1)											Prepared & Analyzed: 04/28/2022
Dichlorodifluoromethane	ND	5.0	ug/kg wet								
Diisopropyl ether (DIPE)	ND	8.0	"								
Ethanol	ND	80	"								
Ethyl Benzene	ND	5.0	"								
Ethyl tert-butyl ether (ETBE)	ND	8.0	"								
Hexachlorobutadiene	ND	5.0	"								
Iodomethane	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Diethylbenzene	ND	5.0	"								
p-Ethyltoluene	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Amyl alcohol (TAA)	ND	80	"								
tert-Amyl methyl ether (TAME)	ND	8.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.4*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
Blank (BD21686-BLK2)											Prepared & Analyzed: 04/28/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4,5-Tetramethylbenzene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chloroethylvinyl ether	ND	20	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
Blank (BD21686-BLK2)											Prepared & Analyzed: 04/28/2022
Dichlorodifluoromethane	ND	5.0	ug/kg wet								
Diisopropyl ether (DIPE)	ND	8.0	"								
Ethanol	ND	80	"								
Ethyl Benzene	ND	5.0	"								
Ethyl tert-butyl ether (ETBE)	ND	8.0	"								
Hexachlorobutadiene	ND	5.0	"								
Iodomethane	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Diethylbenzene	ND	5.0	"								
p-Ethyltoluene	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Amyl alcohol (TAA)	ND	80	"								
tert-Amyl methyl ether (TAME)	ND	8.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.0*		*99.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.4*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.2*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
LCS (BD21686-BS1)								Prepared & Analyzed: 04/28/2022			
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0		96.0	75-129				
1,1,1-Trichloroethane	54.6		"	50.0		109	71-137				
1,1,2,2-Tetrachloroethane	49.8		"	50.0		99.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.0		"	50.0		120	58-146				
1,1,2-Trichloroethane	48.4		"	50.0		96.9	83-123				
1,1-Dichloroethane	53.7		"	50.0		107	75-130				
1,1-Dichloroethylene	55.3		"	50.0		111	64-137				
1,1-Dichloropropylene	53.0		"	50.0		106	77-127				
1,2,3-Trichlorobenzene	46.2		"	50.0		92.4	81-140				
1,2,3-Trichloropropane	49.6		"	50.0		99.3	81-126				
1,2,4,5-Tetramethylbenzene	51.1		"	50.0		102	63-156				
1,2,4-Trichlorobenzene	46.6		"	50.0		93.2	80-141				
1,2,4-Trimethylbenzene	49.7		"	50.0		99.4	84-125				
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.6	74-142				
1,2-Dibromoethane	48.7		"	50.0		97.4	86-123				
1,2-Dichlorobenzene	47.0		"	50.0		94.0	85-122				
1,2-Dichloroethane	53.2		"	50.0		106	71-133				
1,2-Dichloropropane	50.7		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	48.7		"	50.0		97.4	82-126				
1,3-Dichlorobenzene	48.0		"	50.0		95.9	84-124				
1,3-Dichloropropane	48.4		"	50.0		96.8	83-123				
1,4-Dichlorobenzene	48.0		"	50.0		96.1	84-124				
1,4-Dioxane	983		"	1050		93.6	10-228				
2,2-Dichloropropane	55.6		"	50.0		111	67-136				
2-Butanone	51.1		"	50.0		102	58-147				
2-Chloroethylvinyl ether	50.8		"	50.0		102	10-166				
2-Chlorotoluene	49.5		"	50.0		99.0	78-127				
2-Hexanone	48.6		"	50.0		97.2	70-139				
4-Chlorotoluene	49.1		"	50.0		98.2	79-125				
4-Methyl-2-pentanone	37.2		"	50.0		74.4	72-132				
Acetone	41.8		"	50.0		83.7	36-155				
Acrolein	36.8		"	50.0		73.5	10-238				
Acrylonitrile	53.0		"	50.0		106	66-141				
Benzene	54.8		"	50.0		110	77-127				
Bromobenzene	48.8		"	50.0		97.6	77-129				
Bromochloromethane	53.4		"	50.0		107	74-129				
Bromodichloromethane	49.0		"	50.0		98.0	81-124				
Bromoform	47.5		"	50.0		94.9	80-136				
Bromomethane	48.4		"	50.0		96.9	32-177				
Carbon disulfide	62.3		"	50.0		125	10-136				
Carbon tetrachloride	55.6		"	50.0		111	66-143				
Chlorobenzene	50.2		"	50.0		100	86-120				
Chloroethane	55.9		"	50.0		112	51-142				
Chloroform	53.1		"	50.0		106	76-131				
Chloromethane	49.7		"	50.0		99.5	49-132				
cis-1,2-Dichloroethylene	53.3		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	48.9		"	50.0		97.7	81-129				
Cyclohexane	57.7		"	50.0		115	70-130				
Dibromochloromethane	48.1		"	50.0		96.2	10-200				
Dibromomethane	48.5		"	50.0		97.1	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
LCS (BD21686-BS1)							Prepared & Analyzed: 04/28/2022				
Dichlorodifluoromethane	46.2		ug/L	50.0		92.3	28-158				
Diisopropyl ether (DIPE)	56.2		"	50.0		112	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	50.0		ug/L	50.0		100	84-125				
Ethyl tert-butyl ether (ETBE)	54.6		"	50.0		109	70-130				
Hexachlorobutadiene	47.7		"	50.0		95.3	83-133				
Iodomethane	62.4		"	50.0		125	70-130				
Isopropylbenzene	51.6		"	50.0		103	81-127				
Methyl acetate	53.6		"	50.0		107	41-143				
Methyl Methacrylate	51.3		"	50.0		103	79-125				
Methyl tert-butyl ether (MTBE)	54.2		"	50.0		108	74-131				
Methylcyclohexane	51.2		"	50.0		102	70-130				
Methylene chloride	54.5		"	50.0		109	57-141				
Naphthalene	48.6		"	50.0		97.2	86-141				
n-Butylbenzene	47.6		"	50.0		95.2	80-130				
n-Propylbenzene	49.9		"	50.0		99.8	74-136				
o-Xylene	49.8		"	50.0		99.7	83-123				
p- & m- Xylenes	100		"	100		100	82-128				
p-Diethylbenzene	50.7		"	50.0		101	70-144				
p-Ethyltoluene	52.8		"	50.0		106	84-123				
p-Isopropyltoluene	49.9		"	50.0		99.8	85-125				
sec-Butylbenzene	49.8		"	50.0		99.6	83-125				
Styrene	47.9		"	50.0		95.8	86-126				
tert-Amyl alcohol (TAA)	541		"	500		108	70-130				
tert-Amyl methyl ether (TAME)	56.7		"	50.0		113	70-130				
tert-Butyl alcohol (TBA)	316		"	250		126	70-130				
tert-Butylbenzene	43.9		"	50.0		87.7	80-127				
Tetrachloroethylene	43.9		"	50.0		87.9	80-129				
Tetrahydrofuran	52.9		"	50.0		106	64-137				
Toluene	48.7		"	50.0		97.4	85-121				
trans-1,2-Dichloroethylene	56.3		"	50.0		113	72-132				
trans-1,3-Dichloropropylene	49.6		"	50.0		99.3	78-132				
trans-1,4-dichloro-2-butene	65.8		"	50.0		132	75-135				
Trichloroethylene	49.7		"	50.0		99.4	84-123				
Trichlorofluoromethane	52.6		"	50.0		105	62-140				
Vinyl acetate	59.5		"	50.0		119	67-136				
Vinyl Chloride	51.2		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
LCS Dup (BD21686-BSD1)								Prepared & Analyzed: 04/28/2022			
1,1,1,2-Tetrachloroethane	54.2		ug/L	50.0		108	75-129		12.1	30	
1,1,1-Trichloroethane	61.5		"	50.0		123	71-137		11.9	30	
1,1,2,2-Tetrachloroethane	55.9		"	50.0		112	79-129		11.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.3		"	50.0		131	58-146		8.49	30	
1,1,2-Trichloroethane	54.2		"	50.0		108	83-123		11.3	30	
1,1-Dichloroethane	60.6		"	50.0		121	75-130		12.1	30	
1,1-Dichloroethylene	62.4		"	50.0		125	64-137		12.2	30	
1,1-Dichloropropylene	59.1		"	50.0		118	77-127		11.0	30	
1,2,3-Trichlorobenzene	50.7		"	50.0		101	81-140		9.31	30	
1,2,3-Trichloropropane	53.7		"	50.0		107	81-126		7.91	30	
1,2,4,5-Tetramethylbenzene	56.7		"	50.0		113	63-156		10.4	30	
1,2,4-Trichlorobenzene	51.9		"	50.0		104	80-141		10.8	30	
1,2,4-Trimethylbenzene	55.4		"	50.0		111	84-125		10.9	30	
1,2-Dibromo-3-chloropropane	54.8		"	50.0		110	74-142		9.52	30	
1,2-Dibromoethane	54.7		"	50.0		109	86-123		11.6	30	
1,2-Dichlorobenzene	52.8		"	50.0		106	85-122		11.7	30	
1,2-Dichloroethane	60.6		"	50.0		121	71-133		13.0	30	
1,2-Dichloropropane	57.5		"	50.0		115	81-122		12.7	30	
1,3,5-Trimethylbenzene	54.4		"	50.0		109	82-126		10.9	30	
1,3-Dichlorobenzene	53.5		"	50.0		107	84-124		10.9	30	
1,3-Dichloropropane	53.7		"	50.0		107	83-123		10.4	30	
1,4-Dichlorobenzene	52.6		"	50.0		105	84-124		9.10	30	
1,4-Dioxane	1070		"	1050		102	10-228		8.83	30	
2,2-Dichloropropane	65.5		"	50.0		131	67-136		16.2	30	
2-Butanone	55.3		"	50.0		111	58-147		7.84	30	
2-Chloroethylvinyl ether	56.8		"	50.0		114	10-166		11.1	30	
2-Chlorotoluene	55.3		"	50.0		111	78-127		11.0	30	
2-Hexanone	53.5		"	50.0		107	70-139		9.50	30	
4-Chlorotoluene	55.1		"	50.0		110	79-125		11.6	30	
4-Methyl-2-pentanone	41.4		"	50.0		82.8	72-132		10.6	30	
Acetone	46.4		"	50.0		92.7	36-155		10.2	30	
Acrolein	39.7		"	50.0		79.4	10-238		7.66	30	
Acrylonitrile	59.5		"	50.0		119	66-141		11.6	30	
Benzene	61.4		"	50.0		123	77-127		11.5	30	
Bromobenzene	54.6		"	50.0		109	77-129		11.2	30	
Bromochloromethane	60.2		"	50.0		120	74-129		12.1	30	
Bromodichloromethane	54.8		"	50.0		110	81-124		11.2	30	
Bromoform	54.4		"	50.0		109	80-136		13.6	30	
Bromomethane	56.5		"	50.0		113	32-177		15.3	30	
Carbon disulfide	70.1		"	50.0		140	10-136	High Bias	11.8	30	
Carbon tetrachloride	63.2		"	50.0		126	66-143		12.9	30	
Chlorobenzene	56.3		"	50.0		113	86-120		11.3	30	
Chloroethane	61.0		"	50.0		122	51-142		8.76	30	
Chloroform	60.2		"	50.0		120	76-131		12.5	30	
Chloromethane	55.9		"	50.0		112	49-132		11.7	30	
cis-1,2-Dichloroethylene	60.2		"	50.0		120	74-132		12.1	30	
cis-1,3-Dichloropropylene	54.5		"	50.0		109	81-129		11.0	30	
Cyclohexane	66.3		"	50.0		133	70-130	High Bias	13.9	30	
Dibromochloromethane	54.7		"	50.0		109	10-200		12.9	30	
Dibromomethane	54.1		"	50.0		108	83-124		10.8	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21686 - EPA 5035A											
LCS Dup (BD21686-BSD1)								Prepared & Analyzed: 04/28/2022			
Dichlorodifluoromethane	52.5		ug/L	50.0		105	28-158		12.9	30	
Diisopropyl ether (DIPE)	63.4		"	50.0		127	70-130		12.0	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	55.5		ug/L	50.0		111	84-125		10.4	30	
Ethyl tert-butyl ether (ETBE)	62.4		"	50.0		125	70-130		13.3	30	
Hexachlorobutadiene	52.2		"	50.0		104	83-133		9.15	30	
Iodomethane	70.8		"	50.0		142	70-130	High Bias	12.7	30	
Isopropylbenzene	58.0		"	50.0		116	81-127		11.6	30	
Methyl acetate	56.6		"	50.0		113	41-143		5.50	30	
Methyl Methacrylate	56.6		"	50.0		113	79-125		9.75	30	
Methyl tert-butyl ether (MTBE)	61.6		"	50.0		123	74-131		12.9	30	
Methylcyclohexane	57.4		"	50.0		115	70-130		11.4	30	
Methylene chloride	61.7		"	50.0		123	57-141		12.4	30	
Naphthalene	54.1		"	50.0		108	86-141		10.7	30	
n-Butylbenzene	53.9		"	50.0		108	80-130		12.3	30	
n-Propylbenzene	55.2		"	50.0		110	74-136		10.0	30	
o-Xylene	56.0		"	50.0		112	83-123		11.6	30	
p- & m- Xylenes	112		"	100		112	82-128		11.1	30	
p-Diethylbenzene	56.3		"	50.0		113	70-144		10.5	30	
p-Ethyltoluene	58.8		"	50.0		118	84-123		10.6	30	
p-Isopropyltoluene	55.5		"	50.0		111	85-125		10.6	30	
sec-Butylbenzene	55.8		"	50.0		112	83-125		11.3	30	
Styrene	53.5		"	50.0		107	86-126		11.0	30	
tert-Amyl alcohol (TAA)	596		"	500		119	70-130		9.59	30	
tert-Amyl methyl ether (TAME)	64.4		"	50.0		129	70-130		12.7	30	
tert-Butyl alcohol (TBA)	353		"	250		141	70-130	High Bias	11.1	30	
tert-Butylbenzene	49.2		"	50.0		98.3	80-127		11.4	30	
Tetrachloroethylene	49.1		"	50.0		98.1	80-129		11.0	30	
Tetrahydrofuran	58.0		"	50.0		116	64-137		9.19	30	
Toluene	54.6		"	50.0		109	85-121		11.5	30	
trans-1,2-Dichloroethylene	62.1		"	50.0		124	72-132		9.82	30	
trans-1,3-Dichloropropylene	55.8		"	50.0		112	78-132		11.7	30	
trans-1,4-dichloro-2-butene	73.6		"	50.0		147	75-135	High Bias	11.2	30	
Trichloroethylene	56.2		"	50.0		112	84-123		12.2	30	
Trichlorofluoromethane	59.9		"	50.0		120	62-140		13.1	30	
Vinyl acetate	67.0		"	50.0		134	67-136		11.9	30	
Vinyl Chloride	57.1		"	50.0		114	52-130		11.0	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Blank (BD21763-BLK1)											Prepared & Analyzed: 04/29/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4,5-Tetramethylbenzene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chloroethylvinyl ether	ND	20	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Blank (BD21763-BLK1)											Prepared & Analyzed: 04/29/2022
Dichlorodifluoromethane	ND	5.0	ug/kg wet								
Diisopropyl ether (DIPE)	ND	8.0	"								
Ethanol	ND	80	"								
Ethyl Benzene	ND	5.0	"								
Ethyl tert-butyl ether (ETBE)	ND	8.0	"								
Hexachlorobutadiene	ND	5.0	"								
Iodomethane	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Diethylbenzene	ND	5.0	"								
p-Ethyltoluene	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Amyl alcohol (TAA)	ND	80	"								
tert-Amyl methyl ether (TAME)	ND	8.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.8*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Blank (BD21763-BLK2)											Prepared & Analyzed: 04/29/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4,5-Tetramethylbenzene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chloroethylvinyl ether	ND	20	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Blank (BD21763-BLK2)											Prepared & Analyzed: 04/29/2022
Dichlorodifluoromethane	ND	5.0	ug/kg wet								
Diisopropyl ether (DIPE)	ND	8.0	"								
Ethanol	ND	80	"								
Ethyl Benzene	ND	5.0	"								
Ethyl tert-butyl ether (ETBE)	ND	8.0	"								
Hexachlorobutadiene	ND	5.0	"								
Iodomethane	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Diethylbenzene	ND	5.0	"								
p-Ethyltoluene	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Amyl alcohol (TAA)	ND	80	"								
tert-Amyl methyl ether (TAME)	ND	8.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.3*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.9*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
LCS (BD21763-BS1)								Prepared & Analyzed: 04/29/2022			
1,1,1,2-Tetrachloroethane	54.2		ug/L	50.0		108	75-129				
1,1,1-Trichloroethane	61.5		"	50.0		123	71-137				
1,1,2,2-Tetrachloroethane	55.0		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	67.0		"	50.0		134	58-146				
1,1,2-Trichloroethane	54.8		"	50.0		110	83-123				
1,1-Dichloroethane	61.1		"	50.0		122	75-130				
1,1-Dichloroethylene	62.7		"	50.0		125	64-137				
1,1-Dichloropropylene	59.7		"	50.0		119	77-127				
1,2,3-Trichlorobenzene	51.1		"	50.0		102	81-140				
1,2,3-Trichloropropane	54.5		"	50.0		109	81-126				
1,2,4,5-Tetramethylbenzene	57.5		"	50.0		115	63-156				
1,2,4-Trichlorobenzene	53.5		"	50.0		107	80-141				
1,2,4-Trimethylbenzene	56.0		"	50.0		112	84-125				
1,2-Dibromo-3-chloropropane	54.1		"	50.0		108	74-142				
1,2-Dibromoethane	55.0		"	50.0		110	86-123				
1,2-Dichlorobenzene	53.7		"	50.0		107	85-122				
1,2-Dichloroethane	59.7		"	50.0		119	71-133				
1,2-Dichloropropane	57.2		"	50.0		114	81-122				
1,3,5-Trimethylbenzene	54.8		"	50.0		110	82-126				
1,3-Dichlorobenzene	54.4		"	50.0		109	84-124				
1,3-Dichloropropane	53.8		"	50.0		108	83-123				
1,4-Dichlorobenzene	53.9		"	50.0		108	84-124				
1,4-Dioxane	1100		"	1050		105	10-228				
2,2-Dichloropropane	66.1		"	50.0		132	67-136				
2-Butanone	55.8		"	50.0		112	58-147				
2-Chloroethylvinyl ether	56.4		"	50.0		113	10-166				
2-Chlorotoluene	55.2		"	50.0		110	78-127				
2-Hexanone	54.3		"	50.0		109	70-139				
4-Chlorotoluene	55.7		"	50.0		111	79-125				
4-Methyl-2-pentanone	41.2		"	50.0		82.4	72-132				
Acetone	49.8		"	50.0		99.5	36-155				
Acrolein	42.9		"	50.0		85.7	10-238				
Acrylonitrile	59.7		"	50.0		119	66-141				
Benzene	61.7		"	50.0		123	77-127				
Bromobenzene	54.4		"	50.0		109	77-129				
Bromochloromethane	60.3		"	50.0		121	74-129				
Bromodichloromethane	54.5		"	50.0		109	81-124				
Bromoform	53.9		"	50.0		108	80-136				
Bromomethane	56.6		"	50.0		113	32-177				
Carbon disulfide	69.8		"	50.0		140	10-136	High Bias			
Carbon tetrachloride	63.8		"	50.0		128	66-143				
Chlorobenzene	56.8		"	50.0		114	86-120				
Chloroethane	64.5		"	50.0		129	51-142				
Chloroform	60.4		"	50.0		121	76-131				
Chloromethane	56.1		"	50.0		112	49-132				
cis-1,2-Dichloroethylene	60.7		"	50.0		121	74-132				
cis-1,3-Dichloropropylene	54.4		"	50.0		109	81-129				
Cyclohexane	65.9		"	50.0		132	70-130	High Bias			
Dibromochloromethane	54.1		"	50.0		108	10-200				
Dibromomethane	53.7		"	50.0		107	83-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
LCS (BD21763-BS1)								Prepared & Analyzed: 04/29/2022			
Dichlorodifluoromethane	49.9		ug/L	50.0		99.7	28-158				
Diisopropyl ether (DIPE)	63.2		"	50.0		126	70-130				
Ethanol	ND	80	ug/kg wet				70-130				
Ethyl Benzene	56.0		ug/L	50.0		112	84-125				
Ethyl tert-butyl ether (ETBE)	61.2		"	50.0		122	70-130				
Hexachlorobutadiene	52.5		"	50.0		105	83-133				
Iodomethane	71.7		"	50.0		143	70-130	High Bias			
Isopropylbenzene	58.2		"	50.0		116	81-127				
Methyl acetate	57.4		"	50.0		115	41-143				
Methyl Methacrylate	56.2		"	50.0		112	79-125				
Methyl tert-butyl ether (MTBE)	61.2		"	50.0		122	74-131				
Methylcyclohexane	58.0		"	50.0		116	70-130				
Methylene chloride	61.7		"	50.0		123	57-141				
Naphthalene	53.8		"	50.0		108	86-141				
n-Butylbenzene	53.5		"	50.0		107	80-130				
n-Propylbenzene	55.9		"	50.0		112	74-136				
o-Xylene	56.1		"	50.0		112	83-123				
p- & m- Xylenes	114		"	100		114	82-128				
p-Diethylbenzene	57.4		"	50.0		115	70-144				
p-Ethyltoluene	59.3		"	50.0		119	84-123				
p-Isopropyltoluene	56.0		"	50.0		112	85-125				
sec-Butylbenzene	55.5		"	50.0		111	83-125				
Styrene	54.0		"	50.0		108	86-126				
tert-Amyl alcohol (TAA)	590		"	500		118	70-130				
tert-Amyl methyl ether (TAME)	63.3		"	50.0		127	70-130				
tert-Butyl alcohol (TBA)	338		"	250		135	70-130	High Bias			
tert-Butylbenzene	48.6		"	50.0		97.3	80-127				
Tetrachloroethylene	49.8		"	50.0		99.5	80-129				
Tetrahydrofuran	59.5		"	50.0		119	64-137				
Toluene	55.0		"	50.0		110	85-121				
trans-1,2-Dichloroethylene	63.7		"	50.0		127	72-132				
trans-1,3-Dichloropropylene	54.9		"	50.0		110	78-132				
trans-1,4-dichloro-2-butene	73.6		"	50.0		147	75-135	High Bias			
Trichloroethylene	55.9		"	50.0		112	84-123				
Trichlorofluoromethane	60.3		"	50.0		121	62-140				
Vinyl acetate	67.0		"	50.0		134	67-136				
Vinyl Chloride	57.0		"	50.0		114	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*93.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
LCS Dup (BD21763-BSD1)								Prepared & Analyzed: 04/29/2022			
1,1,1,2-Tetrachloroethane	53.9		ug/L	50.0		108	75-129		0.592	30	
1,1,1-Trichloroethane	61.4		"	50.0		123	71-137		0.212	30	
1,1,2,2-Tetrachloroethane	56.2		"	50.0		112	79-129		2.07	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.6		"	50.0		131	58-146		2.11	30	
1,1,2-Trichloroethane	54.7		"	50.0		109	83-123		0.164	30	
1,1-Dichloroethane	60.5		"	50.0		121	75-130		0.954	30	
1,1-Dichloroethylene	62.5		"	50.0		125	64-137		0.336	30	
1,1-Dichloropropylene	58.6		"	50.0		117	77-127		1.96	30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	81-140		1.28	30	
1,2,3-Trichloropropane	54.3		"	50.0		109	81-126		0.386	30	
1,2,4,5-Tetramethylbenzene	58.0		"	50.0		116	63-156		0.866	30	
1,2,4-Trichlorobenzene	53.3		"	50.0		107	80-141		0.281	30	
1,2,4-Trimethylbenzene	56.2		"	50.0		112	84-125		0.428	30	
1,2-Dibromo-3-chloropropane	54.2		"	50.0		108	74-142		0.185	30	
1,2-Dibromoethane	56.0		"	50.0		112	86-123		1.82	30	
1,2-Dichlorobenzene	53.6		"	50.0		107	85-122		0.0559	30	
1,2-Dichloroethane	60.3		"	50.0		121	71-133		1.03	30	
1,2-Dichloropropane	57.5		"	50.0		115	81-122		0.593	30	
1,3,5-Trimethylbenzene	55.2		"	50.0		110	82-126		0.654	30	
1,3-Dichlorobenzene	54.6		"	50.0		109	84-124		0.532	30	
1,3-Dichloropropane	54.6		"	50.0		109	83-123		1.53	30	
1,4-Dichlorobenzene	54.0		"	50.0		108	84-124		0.204	30	
1,4-Dioxane	1110		"	1050		105	10-228		0.575	30	
2,2-Dichloropropane	65.3		"	50.0		131	67-136		1.14	30	
2-Butanone	57.0		"	50.0		114	58-147		2.15	30	
2-Chloroethylvinyl ether	57.3		"	50.0		115	10-166		1.57	30	
2-Chlorotoluene	55.5		"	50.0		111	78-127		0.470	30	
2-Hexanone	54.8		"	50.0		110	70-139		0.916	30	
4-Chlorotoluene	56.0		"	50.0		112	79-125		0.555	30	
4-Methyl-2-pentanone	41.4		"	50.0		82.9	72-132		0.556	30	
Acetone	49.0		"	50.0		98.0	36-155		1.58	30	
Acrolein	42.0		"	50.0		84.0	10-238		2.07	30	
Acrylonitrile	59.4		"	50.0		119	66-141		0.571	30	
Benzene	61.4		"	50.0		123	77-127		0.536	30	
Bromobenzene	55.2		"	50.0		110	77-129		1.61	30	
Bromochloromethane	60.2		"	50.0		120	74-129		0.133	30	
Bromodichloromethane	54.8		"	50.0		110	81-124		0.513	30	
Bromoform	54.6		"	50.0		109	80-136		1.38	30	
Bromomethane	55.8		"	50.0		112	32-177		1.40	30	
Carbon disulfide	69.1		"	50.0		138	10-136	High Bias	1.02	30	
Carbon tetrachloride	61.8		"	50.0		124	66-143		3.18	30	
Chlorobenzene	56.8		"	50.0		114	86-120		0.00	30	
Chloroethane	62.3		"	50.0		125	51-142		3.47	30	
Chloroform	60.2		"	50.0		120	76-131		0.315	30	
Chloromethane	55.0		"	50.0		110	49-132		2.03	30	
cis-1,2-Dichloroethylene	60.4		"	50.0		121	74-132		0.396	30	
cis-1,3-Dichloropropylene	55.4		"	50.0		111	81-129		1.88	30	
Cyclohexane	64.8		"	50.0		130	70-130		1.59	30	
Dibromochloromethane	55.1		"	50.0		110	10-200		1.89	30	
Dibromomethane	54.9		"	50.0		110	83-124		2.19	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
LCS Dup (BD21763-BSD1)								Prepared & Analyzed: 04/29/2022			
Dichlorodifluoromethane	49.1		ug/L	50.0		98.2	28-158		1.58	30	
Diisopropyl ether (DIPE)	63.2		"	50.0		126	70-130		0.0158	30	
Ethanol	ND	80	ug/kg wet				70-130			30	
Ethyl Benzene	56.1		ug/L	50.0		112	84-125		0.143	30	
Ethyl tert-butyl ether (ETBE)	61.2		"	50.0		122	70-130		0.0163	30	
Hexachlorobutadiene	53.4		"	50.0		107	83-133		1.60	30	
Iodomethane	70.1		"	50.0		140	70-130	High Bias	2.21	30	
Isopropylbenzene	58.0		"	50.0		116	81-127		0.396	30	
Methyl acetate	56.5		"	50.0		113	41-143		1.67	30	
Methyl Methacrylate	57.0		"	50.0		114	79-125		1.36	30	
Methyl tert-butyl ether (MTBE)	62.0		"	50.0		124	74-131		1.32	30	
Methylcyclohexane	57.4		"	50.0		115	70-130		0.936	30	
Methylene chloride	61.4		"	50.0		123	57-141		0.423	30	
Naphthalene	54.6		"	50.0		109	86-141		1.61	30	
n-Butylbenzene	53.7		"	50.0		107	80-130		0.298	30	
n-Propylbenzene	55.9		"	50.0		112	74-136		0.0179	30	
o-Xylene	56.3		"	50.0		113	83-123		0.445	30	
p- & m- Xylenes	113		"	100		113	82-128		0.821	30	
p-Diethylbenzene	57.8		"	50.0		116	70-144		0.730	30	
p-Ethyltoluene	59.4		"	50.0		119	84-123		0.303	30	
p-Isopropyltoluene	56.0		"	50.0		112	85-125		0.00	30	
sec-Butylbenzene	55.7		"	50.0		111	83-125		0.270	30	
Styrene	54.2		"	50.0		108	86-126		0.296	30	
tert-Amyl alcohol (TAA)	601		"	500		120	70-130		1.72	30	
tert-Amyl methyl ether (TAME)	63.2		"	50.0		126	70-130		0.142	30	
tert-Butyl alcohol (TBA)	354		"	250		142	70-130	High Bias	4.52	30	
tert-Butylbenzene	49.0		"	50.0		98.1	80-127		0.819	30	
Tetrachloroethylene	50.1		"	50.0		100	80-129		0.681	30	
Tetrahydrofuran	57.8		"	50.0		116	64-137		2.95	30	
Toluene	55.0		"	50.0		110	85-121		0.00	30	
trans-1,2-Dichloroethylene	62.0		"	50.0		124	72-132		2.61	30	
trans-1,3-Dichloropropylene	56.5		"	50.0		113	78-132		2.85	30	
trans-1,4-dichloro-2-butene	74.6		"	50.0		149	75-135	High Bias	1.30	30	
Trichloroethylene	56.8		"	50.0		114	84-123		1.65	30	
Trichlorofluoromethane	59.1		"	50.0		118	62-140		1.99	30	
Vinyl acetate	67.1		"	50.0		134	67-136		0.283	30	
Vinyl Chloride	56.2		"	50.0		112	52-130		1.27	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.9*		*"*	*50.0*		*93.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Matrix Spike (BD21763-MS1)	*Source sample: 22D1128-03 (Matrix Spike)							Prepared & Analyzed: 04/29/2022			
1,1,1,2-Tetrachloroethane	39.1		ug/L	50.0	0.00	78.2	15-161				
1,1,1-Trichloroethane	47.6		"	50.0	0.00	95.2	42-145				
1,1,2,2-Tetrachloroethane	41.5		"	50.0	0.00	83.1	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.2		"	50.0	0.00	94.4	11-160				
1,1,2-Trichloroethane	41.7		"	50.0	0.00	83.4	44-145				
1,1-Dichloroethane	47.8		"	50.0	0.00	95.7	46-142				
1,1-Dichloroethylene	48.5		"	50.0	0.00	96.9	30-153				
1,1-Dichloropropylene	43.9		"	50.0	0.00	87.8	40-133				
1,2,3-Trichlorobenzene	24.9		"	50.0	0.00	49.8	10-157				
1,2,3-Trichloropropane	41.2		"	50.0	0.00	82.5	38-155				
1,2,4,5-Tetramethylbenzene	34.0		"	50.0	0.00	68.1	10-138				
1,2,4-Trichlorobenzene	24.8		"	50.0	0.00	49.7	10-151				
1,2,4-Trimethylbenzene	36.5		"	50.0	0.00	72.9	10-170				
1,2-Dibromo-3-chloropropane	35.6		"	50.0	0.00	71.1	36-138				
1,2-Dibromoethane	41.6		"	50.0	0.00	83.3	40-142				
1,2-Dichlorobenzene	32.0		"	50.0	0.00	64.0	10-147				
1,2-Dichloroethane	47.7		"	50.0	0.00	95.5	48-133				
1,2-Dichloropropane	44.4		"	50.0	0.00	88.8	47-141				
1,3,5-Trimethylbenzene	35.9		"	50.0	0.00	71.9	10-150				
1,3-Dichlorobenzene	32.2		"	50.0	0.00	64.3	10-144				
1,3-Dichloropropane	41.5		"	50.0	0.00	83.1	43-142				
1,4-Dichlorobenzene	31.4		"	50.0	0.00	62.8	10-160				
1,4-Dioxane	865		"	1050	0.00	82.4	10-191				
2,2-Dichloropropane	48.1		"	50.0	0.00	96.3	38-130				
2-Butanone	42.4		"	50.0	0.00	84.9	10-189				
2-Chloroethylvinyl ether	42.2		"	50.0	0.00	84.5	10-161				
2-Chlorotoluene	35.8		"	50.0	0.00	71.7	14-144				
2-Hexanone	39.8		"	50.0	0.00	79.6	10-181				
4-Chlorotoluene	34.7		"	50.0	0.00	69.4	15-138				
4-Methyl-2-pentanone	31.8		"	50.0	0.00	63.5	10-166				
Acetone	32.5		"	50.0	8.62	47.8	10-196				
Acrolein	26.7		"	50.0	0.00	53.4	10-192				
Acrylonitrile	45.4		"	50.0	0.00	90.7	13-161				
Benzene	48.6		"	50.0	0.00	97.2	43-139				
Bromobenzene	36.2		"	50.0	0.00	72.4	23-142				
Bromochloromethane	48.3		"	50.0	0.00	96.5	38-145				
Bromodichloromethane	41.0		"	50.0	0.00	82.1	38-147				
Bromoform	37.6		"	50.0	0.00	75.2	29-156				
Bromomethane	46.4		"	50.0	0.00	92.9	10-166				
Carbon disulfide	51.6		"	50.0	0.00	103	10-131				
Carbon tetrachloride	45.4		"	50.0	0.00	90.8	35-145				
Chlorobenzene	39.3		"	50.0	0.00	78.5	21-154				
Chloroethane	52.1		"	50.0	0.00	104	15-160				
Chloroform	47.6		"	50.0	0.00	95.1	47-142				
Chloromethane	46.3		"	50.0	0.00	92.7	10-159				
cis-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.0	42-144				
cis-1,3-Dichloropropylene	39.8		"	50.0	0.00	79.6	18-159				
Cyclohexane	48.9		"	50.0	0.00	97.7	70-130				
Dibromochloromethane	39.4		"	50.0	0.00	78.8	10-179				
Dibromomethane	42.0		"	50.0	0.00	84.1	47-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Matrix Spike (BD21763-MS1)	*Source sample: 22D1128-03 (Matrix Spike)						Prepared & Analyzed: 04/29/2022				
Dichlorodifluoromethane	39.0		ug/L	50.0	0.00	78.1	10-145				
Diisopropyl ether (DIPE)	50.1		"	50.0	0.00	100	70-130				
Ethanol	ND	93	ug/kg dry		ND		70-130				
Ethyl Benzene	39.6		ug/L	50.0	0.00	79.1	11-158				
Ethyl tert-butyl ether (ETBE)	48.4		"	50.0	0.00	96.9	70-130				
Hexachlorobutadiene	26.7		"	50.0	0.00	53.3	10-158				
Iodomethane	54.8		"	50.0	0.00	110	70-130				
Isopropylbenzene	40.0		"	50.0	0.00	80.1	10-162				
Methyl acetate	52.9		"	50.0	0.00	106	10-149				
Methyl Methacrylate	47.8		"	50.0	0.00	95.6	22-162				
Methyl tert-butyl ether (MTBE)	48.8		"	50.0	0.00	97.7	42-152				
Methylcyclohexane	37.2		"	50.0	0.00	74.5	70-130				
Methylene chloride	50.4		"	50.0	0.00	101	28-151				
Naphthalene	28.0		"	50.0	0.00	56.0	10-158				
n-Butylbenzene	30.9		"	50.0	0.00	61.9	10-162				
n-Propylbenzene	36.6		"	50.0	0.00	73.3	10-155				
o-Xylene	39.6		"	50.0	0.00	79.2	10-158				
p- & m- Xylenes	78.7		"	100	0.00	78.7	10-156				
p-Diethylbenzene	33.5		"	50.0	0.00	66.9	10-146				
p-Ethyltoluene	38.6		"	50.0	0.00	77.1	10-135				
p-Isopropyltoluene	34.9		"	50.0	0.00	69.7	10-147				
sec-Butylbenzene	35.6		"	50.0	0.00	71.2	10-157				
Styrene	35.5		"	50.0	0.00	71.0	13-171				
tert-Amyl alcohol (TAA)	443		"	500	0.00	88.7	70-130				
tert-Amyl methyl ether (TAME)	50.0		"	50.0	0.00	100	70-130				
tert-Butyl alcohol (TBA)	244		"	250	0.00	97.6	34-179				
tert-Butylbenzene	33.1		"	50.0	0.00	66.2	10-160				
Tetrachloroethylene	35.8		"	50.0	0.00	71.6	30-167				
Tetrahydrofuran	46.2		"	50.0	0.00	92.5	25-160				
Toluene	40.7		"	50.0	0.00	81.3	21-160				
trans-1,2-Dichloroethylene	48.5		"	50.0	0.00	96.9	29-153				
trans-1,3-Dichloropropylene	38.8		"	50.0	0.00	77.6	18-155				
trans-1,4-dichloro-2-butene	51.9		"	50.0	0.00	104	17-154				
Trichloroethylene	41.3		"	50.0	0.00	82.6	24-169				
Trichlorofluoromethane	45.4		"	50.0	0.00	90.8	35-142				
Vinyl acetate	34.0		"	50.0	0.00	68.0	10-119				
Vinyl Chloride	46.5		"	50.0	0.00	92.9	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.7*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Matrix Spike Dup (BD21763-MSD1)	*Source sample: 22D1128-03 (Matrix Spike Dup)								Prepared & Analyzed: 04/29/2022		
1,1,1,2-Tetrachloroethane	48.6		ug/L	50.0	0.00	97.3	15-161		21.7	33	
1,1,1-Trichloroethane	57.8		"	50.0	0.00	116	42-145		19.3	30	
1,1,2,2-Tetrachloroethane	49.9		"	50.0	0.00	99.8	16-167		18.3	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.4		"	50.0	0.00	117	11-160		21.1	31	
1,1,2-Trichloroethane	49.8		"	50.0	0.00	99.6	44-145		17.7	40	
1,1-Dichloroethane	58.7		"	50.0	0.00	117	46-142		20.4	36	
1,1-Dichloroethylene	58.6		"	50.0	0.00	117	30-153		18.9	31	
1,1-Dichloropropylene	53.3		"	50.0	0.00	107	40-133		19.3	28	
1,2,3-Trichlorobenzene	30.4		"	50.0	0.00	60.9	10-157		19.9	47	
1,2,3-Trichloropropane	50.0		"	50.0	0.00	100	38-155		19.3	48	
1,2,4,5-Tetramethylbenzene	41.7		"	50.0	0.00	83.5	10-138		20.4	44	
1,2,4-Trichlorobenzene	30.6		"	50.0	0.00	61.2	10-151		20.7	52	
1,2,4-Trimethylbenzene	44.7		"	50.0	0.00	89.4	10-170		20.3	242	
1,2-Dibromo-3-chloropropane	44.1		"	50.0	0.00	88.1	36-138		21.4	54	
1,2-Dibromoethane	49.6		"	50.0	0.00	99.2	40-142		17.5	39	
1,2-Dichlorobenzene	39.6		"	50.0	0.00	79.3	10-147		21.3	52	
1,2-Dichloroethane	56.9		"	50.0	0.00	114	48-133		17.5	32	
1,2-Dichloropropane	53.3		"	50.0	0.00	107	47-141		18.3	37	
1,3,5-Trimethylbenzene	44.5		"	50.0	0.00	89.1	10-150		21.4	62	
1,3-Dichlorobenzene	39.7		"	50.0	0.00	79.4	10-144		20.9	51	
1,3-Dichloropropane	50.1		"	50.0	0.00	100	43-142		18.7	36	
1,4-Dichlorobenzene	38.9		"	50.0	0.00	77.9	10-160		21.4	52	
1,4-Dioxane	1040		"	1050	0.00	99.3	10-191		18.6	196	
2,2-Dichloropropane	60.9		"	50.0	0.00	122	38-130		23.5	31	
2-Butanone	51.0		"	50.0	0.00	102	10-189		18.4	67	
2-Chloroethylvinyl ether	51.1		"	50.0	0.00	102	10-161		19.0	30	
2-Chlorotoluene	44.9		"	50.0	0.00	89.8	14-144		22.4	49	
2-Hexanone	48.4		"	50.0	0.00	96.8	10-181		19.4	60	
4-Chlorotoluene	43.2		"	50.0	0.00	86.3	15-138		21.7	39	
4-Methyl-2-pentanone	38.4		"	50.0	0.00	76.7	10-166		18.8	47	
Acetone	39.5		"	50.0	8.62	61.8	10-196		19.4	150	
Acrolein	31.0		"	50.0	0.00	61.9	10-192		14.8	128	
Acrylonitrile	54.4		"	50.0	0.00	109	13-161		18.1	48	
Benzene	58.0		"	50.0	0.00	116	43-139		17.8	64	
Bromobenzene	44.4		"	50.0	0.00	88.9	23-142		20.5	44	
Bromochloromethane	57.6		"	50.0	0.00	115	38-145		17.6	30	
Bromodichloromethane	50.4		"	50.0	0.00	101	38-147		20.4	37	
Bromoform	47.2		"	50.0	0.00	94.4	29-156		22.7	51	
Bromomethane	53.5		"	50.0	0.00	107	10-166		14.1	42	
Carbon disulfide	63.6		"	50.0	0.00	127	10-131		20.9	36	
Carbon tetrachloride	57.4		"	50.0	0.00	115	35-145		23.3	31	
Chlorobenzene	48.6		"	50.0	0.00	97.1	21-154		21.2	32	
Chloroethane	61.8		"	50.0	0.00	124	15-160		17.0	40	
Chloroform	56.9		"	50.0	0.00	114	47-142		17.8	29	
Chloromethane	53.0		"	50.0	0.00	106	10-159		13.5	31	
cis-1,2-Dichloroethylene	57.4		"	50.0	0.00	115	42-144		18.9	30	
cis-1,3-Dichloropropylene	49.3		"	50.0	0.00	98.6	18-159		21.3	39	
Cyclohexane	59.5		"	50.0	0.00	119	70-130		19.6	30	
Dibromochloromethane	48.3		"	50.0	0.00	96.7	10-179		20.4	41	
Dibromomethane	50.6		"	50.0	0.00	101	47-143		18.5	41	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21763 - EPA 5035A											
Matrix Spike Dup (BD21763-MSD1)	*Source sample: 22D1128-03 (Matrix Spike Dup)								Prepared & Analyzed: 04/29/2022		
Dichlorodifluoromethane	44.4		ug/L	50.0	0.00	88.8	10-145		12.9	34	
Diisopropyl ether (DIPE)	60.6		"	50.0	0.00	121	70-130		19.1	30	
Ethanol	ND	93	ug/kg dry		ND		70-130			30	
Ethyl Benzene	48.8		ug/L	50.0	0.00	97.6	11-158		21.0	42	
Ethyl tert-butyl ether (ETBE)	58.5		"	50.0	0.00	117	70-130		18.8	30	
Hexachlorobutadiene	33.0		"	50.0	0.00	65.9	10-158		21.1	45	
Iodomethane	68.3		"	50.0	0.00	137	70-130	High Bias	22.0	30	
Isopropylbenzene	49.2		"	50.0	0.00	98.3	10-162		20.4	57	
Methyl acetate	65.3		"	50.0	0.00	131	10-149		21.0	64	
Methyl Methacrylate	58.4		"	50.0	0.00	117	22-162		20.0	30	
Methyl tert-butyl ether (MTBE)	58.2		"	50.0	0.00	116	42-152		17.5	47	
Methylcyclohexane	47.4		"	50.0	0.00	94.8	70-130		24.0	30	
Methylene chloride	60.2		"	50.0	0.00	120	28-151		17.7	49	
Naphthalene	34.8		"	50.0	0.00	69.6	10-158		21.6	95	
n-Butylbenzene	37.6		"	50.0	0.00	75.2	10-162		19.5	96	
n-Propylbenzene	45.1		"	50.0	0.00	90.3	10-155		20.8	56	
o-Xylene	48.6		"	50.0	0.00	97.2	10-158		20.4	51	
p- & m- Xylenes	96.0		"	100	0.00	96.0	10-156		19.8	47	
p-Diethylbenzene	41.6		"	50.0	0.00	83.2	10-146		21.7	39	
p-Ethyltoluene	47.6		"	50.0	0.00	95.2	10-135		21.0	40	
p-Isopropyltoluene	43.7		"	50.0	0.00	87.4	10-147		22.5	60	
sec-Butylbenzene	44.6		"	50.0	0.00	89.3	10-157		22.5	56	
Styrene	44.0		"	50.0	0.00	88.0	13-171		21.5	39	
tert-Amyl alcohol (TAA)	545		"	500	0.00	109	70-130		20.5	30	
tert-Amyl methyl ether (TAME)	61.7		"	50.0	0.00	123	70-130		21.0	30	
tert-Butyl alcohol (TBA)	313		"	250	0.00	125	34-179		24.8	35	
tert-Butylbenzene	41.7		"	50.0	0.00	83.5	10-160		23.1	79	
Tetrachloroethylene	43.4		"	50.0	0.00	86.8	30-167		19.2	33	
Tetrahydrofuran	52.7		"	50.0	0.00	105	25-160		13.0	30	
Toluene	49.3		"	50.0	0.00	98.6	21-160		19.1	50	
trans-1,2-Dichloroethylene	58.6		"	50.0	0.00	117	29-153		19.0	30	
trans-1,3-Dichloropropylene	49.1		"	50.0	0.00	98.1	18-155		23.3	30	
trans-1,4-dichloro-2-butene	64.2		"	50.0	0.00	128	17-154		21.2	30	
Trichloroethylene	50.1		"	50.0	0.00	100	24-169		19.2	30	
Trichlorofluoromethane	55.9		"	50.0	0.00	112	35-142		20.8	30	
Vinyl acetate	38.7		"	50.0	0.00	77.4	10-119		12.9	82	
Vinyl Chloride	54.8		"	50.0	0.00	110	12-160		16.5	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*46.5*		*"*	*50.0*		*93.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21783 - % Solids Prep											
Duplicate (BD21783-DUP1)	*Source sample: 22D1094-01 (Duplicate)								Prepared: 04/28/2022 Analyzed: 04/29/2022		
% Solids	81.0	0.100	%		80.7				0.375	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D1102-01	DB-1 @ 5'	40mL Vial with Stir Bar-Cool 4° C
22D1102-02	DB-2 @ 5'	40mL Vial with Stir Bar-Cool 4° C
22D1102-03	DB-3 @ 5'	40mL Vial with Stir Bar-Cool 4° C
22D1102-04	DB-4 @ 6'	40mL Vial with Stir Bar-Cool 4° C
22D1102-05	DB-5 @ 8'	40mL Vial with Stir Bar-Cool 4° C
22D1102-06	DB-6 @ 5'	40mL Vial with Stir Bar-Cool 4° C
22D1102-07	DB-7 @ 8'	40mL Vial with Stir Bar-Cool 4° C
22D1102-08	DB-8 @ 8'	40mL Vial with Stir Bar-Cool 4° C
22D1102-09	DB-9 @ 5'	40mL Vial with Stir Bar-Cool 4° C
22D1102-10	DB-10 @ 8'	40mL Vial with Stir Bar-Cool 4° C
22D1102-11	DB-11 @ 8'	40mL Vial with Stir Bar-Cool 4° C
22D1102-12	DB-12 @ 8'	40mL Vial with Stir Bar-Cool 4° C
22D1102-13	DB-13 @ 7'	40mL Vial with Stir Bar-Cool 4° C
22D1102-14	DB-14 @ 5'	40mL Vial with Stir Bar-Cool 4° C
22D1102-15	DB-15 @ 8'	40mL Vial with Stir Bar-Cool 4° C
22D1102-16	DB-16 @ 6'	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-E	The concentration reported for this analyte is an estimated value above the linear range of the instrument for EPA SW846-5035/8260 (>200ppb). Re-analysis using 5035/8260 medium level prep. resulted in a detection below the reporting limit (<500ppb).
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No. 22D1102

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd Huntington Station NY 11746	Address: Scott	Address: Kathy	YOUR Project Name: 9 North 15th Street Brooklyn, NY	RUSH - Two Day
Phone: 631-673-0612	Phone:	Phone:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 21-435.3	Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Andre Matthews

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): (Summary Report); QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
DB-2 @ 5'	S	4/20/22 12:40	8260	
DB-2 @ 5'	S	4/20/22 11:00		
DB-3 @ 5'	S	4/20/22 09:10		40mL (3) JB
DB-4 @ 6'	S	4/20/22 10:00		40mL (3) (4)
DB-5 @ 8'	S	4/20/22 09:10		
DB-6 @ 5'	S	4/20/22 08:50		
DB-7 @ 8'	S	4/20/22 09:35		
DB-8 @ 8'	S	4/20/22 10:20		
DB-9 @ 5'	S	4/20/22 0800		
DB-10 @ 8'	S	4/20/22 10:40		

Comments:

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	4/22/22 0900	KBankyork	4/22/22 950AM	KBankyork 4/22/22	1628
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				TSale	4/22/22 1628 2.0 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No. 220102

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Laurel Environmental	Company:	Company:		RUSH - Next Day
Address: 53 West Hills Rd Huntington Station, NY	Address: Scott	Address: Cathy	YOUR Project Name: 9 North 15th Street Brooklyn, NY	RUSH - Two Day
Phone: 631-673-0612	Phone:	Phone:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail: labresults@laurelenv.com	E-mail:	E-mail:	YOUR PO#: 21-435.3	Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Andre Matthews

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York ✓; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
DB-11 @ 8'	S	4/20/22 10:55	8260	(4) 40mL
DB-12 @ 8'	S	4/20/22 11:40		
DB-13 @ 7'	S	4/20/22 12:05		
DB-14 @ 5'	S	4/20/22 0820		
DB-15 @ 8'	S	4/20/22 11:25		
DB-16 @ 6'	S	4/20/22 12:25		

~~10:55~~ (A0)

Comments:

Preservation: (check all that apply): HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	4/22/22 0900	KBark York	4/22/22 930Am	KBarkyork	4/22/22 1628
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				TGuk	4/22/22 1628 2.0 Degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 05/03/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1094

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/03/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1094

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 22, 2022 and listed below. The project was identified as your project: **9 North 15th Street, Brooklyn, NY 21-435.3**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22D1094-01	DB-7 PFAS @ 4-6'	Soil	04/21/2022	04/22/2022
22D1094-02	DB-11 PFAS @ 4-5'	Soil	04/21/2022	04/22/2022

General Notes for York Project (SDG) No.: 22D1094

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 05/03/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **DB-7 PFAS @ 4-6'** **York Sample ID:** **22D1094-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1094	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 9:45 am	04/22/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**4.67**		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.300	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 03:57	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*72.5 %*	*25-150*

Sample Information

Client Sample ID: DB-7 PFAS @ 4-6' **York Sample ID:** 22D1094-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1094	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 9:45 am	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	*71.2 %*			*25-150*					
	Surrogate: M4PFHpA	*93.2 %*			*25-150*					
	Surrogate: M3PFHxS	*82.8 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*72.1 %*			*25-150*					
	Surrogate: M6PFDA	*69.8 %*			*25-150*					
	Surrogate: M7PFUdA	*62.8 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.3 %*			*25-150*					
	Surrogate: M2PFTeDA	*40.7 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*69.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*69.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*68.6 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*56.5 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*65.6 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*78.9 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*80.6 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*84.8 %*			*25-200*					
	Surrogate: M9PFNA	*69.5 %*			*25-150*					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.7**		%	0.100	1	SM 2540G	04/28/2022 16:16	04/29/2022 11:19	JTG
							Certifications: CTDOH			

Sample Information

Client Sample ID: DB-11 PFAS @ 4-5' **York Sample ID:** 22D1094-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1094	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:05 am	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DB-11 PFAS @ 4-5'

York Sample ID: 22D1094-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1094	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:05 am	04/22/2022

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**9.57**		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	04/26/2022 12:05	05/03/2022 04:23	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*79.3 %*	*25-150*
Surrogate: M5PFHxA	*73.9 %*	*25-150*
Surrogate: M4PFHpA	*96.0 %*	*25-150*

Sample Information

Client Sample ID: DB-11 PFAS @ 4-5' **York Sample ID:** 22D1094-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1094	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:05 am	04/22/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*92.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*75.2 %*			*25-150*					
	Surrogate: M6PFDA	*72.4 %*			*25-150*					
	Surrogate: M7PFUdA	*50.0 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*69.2 %*			*25-150*					
	Surrogate: M2PFTeDA	*70.1 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*74.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.4 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*72.6 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*36.7 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*69.5 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*45.0 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*135 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*175 %*			*25-200*					
	Surrogate: M9PFNA	*75.3 %*			*25-150*					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.9**		%	0.100	1	SM 2540G Certifications: CTDOH	04/28/2022 16:16	04/29/2022 11:19	JTG

Analytical Batch Summary

Batch ID: BD21552 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D1094-01	DB-7 PFAS @ 4-6'	04/26/22
22D1094-02	DB-11 PFAS @ 4-5'	04/26/22
BD21552-BLK1	Blank	04/26/22
BD21552-BS1	LCS	04/26/22
BD21552-MS1	Matrix Spike	04/26/22
BD21552-MS2	Matrix Spike	04/26/22
BD21552-MSD1	Matrix Spike Dup	04/26/22
BD21552-MSD2	Matrix Spike Dup	04/26/22

Batch ID: BD21783 **Preparation Method:** % Solids Prep **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22D1094-01	DB-7 PFAS @ 4-6'	04/28/22
22D1094-02	DB-11 PFAS @ 4-5'	04/28/22
BD21783-DUP1	Duplicate	04/28/22

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21552 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BD21552-BLK1)											Prepared: 04/26/2022 Analyzed: 05/03/2022
Perfluorobutanesulfonic acid (PFBS)	ND	0.245	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.245	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.245	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.245	"								
Perfluorooctanoic acid (PFOA)	ND	0.245	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.245	"								
Perfluorononanoic acid (PFNA)	ND	0.245	"								
Perfluorodecanoic acid (PFDA)	ND	0.245	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.245	"								
Perfluorododecanoic acid (PFDoA)	ND	0.245	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.245	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.245	"								
N-MeFOSAA	ND	0.245	"								
N-EtFOSAA	ND	0.245	"								
Perfluoropentanoic acid (PFPeA)	ND	0.245	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.245	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.245	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.245	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.245	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.245	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.245	"								
Surrogate: M3PFBS	*3.16*		"	*4.55*		*69.5*	*25-150*				
Surrogate: M5PFHxA	*3.46*		"	*4.90*		*70.6*	*25-150*				
Surrogate: M4PFHpA	*4.42*		"	*4.90*		*90.3*	*25-150*				
Surrogate: M3PFHxS	*3.62*		"	*4.63*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.55*		"	*4.90*		*72.6*	*25-150*				
Surrogate: M6PFDA	*3.68*		"	*4.90*		*75.2*	*25-150*				
Surrogate: M7PFUdA	*3.35*		"	*4.90*		*68.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.29*		"	*4.90*		*67.3*	*25-150*				
Surrogate: M2PFTeDA	*3.02*		"	*4.90*		*61.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.08*		"	*4.90*		*62.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.03*		"	*4.68*		*64.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.22*		"	*4.90*		*65.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.88*		"	*4.90*		*58.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.17*		"	*4.90*		*64.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.62*		"	*4.90*		*74.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.01*		"	*4.65*		*64.8*	*25-200*				
Surrogate: M2-8:2 FTS	*3.49*		"	*4.69*		*74.3*	*25-200*				
Surrogate: M9PFNA	*3.77*		"	*4.90*		*77.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21552 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BD21552-BS1)								Prepared: 04/26/2022 Analyzed: 05/03/2022			
Perfluorobutanesulfonic acid (PFBS)	4.27	0.243	ug/kg wet	4.30		99.2	50-130				
Perfluorohexanoic acid (PFHxA)	4.82	0.243	"	4.86		99.0	50-130				
Perfluoroheptanoic acid (PFHpA)	4.13	0.243	"	4.86		84.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.84	0.243	"	4.43		109	50-130				
Perfluorooctanoic acid (PFOA)	5.25	0.243	"	4.86		108	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.74	0.243	"	4.50		105	50-130				
Perfluorononanoic acid (PFNA)	4.81	0.243	"	4.86		98.9	50-130				
Perfluorodecanoic acid (PFDA)	5.18	0.243	"	4.86		106	50-130				
Perfluoroundecanoic acid (PFUnA)	5.06	0.243	"	4.86		104	50-130				
Perfluorododecanoic acid (PFDoA)	4.24	0.243	"	4.86		87.1	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.21	0.243	"	4.86		86.7	50-130				
Perfluorotetradecanoic acid (PFTA)	5.02	0.243	"	4.86		103	50-130				
N-MeFOSAA	5.40	0.243	"	4.86		111	50-130				
N-EtFOSAA	4.56	0.243	"	4.86		93.8	50-130				
Perfluoropentanoic acid (PFPeA)	5.18	0.243	"	4.86		107	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	5.26	0.243	"	4.86		108	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.15	0.243	"	4.64		111	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.81	0.243	"	4.69		102	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.48	0.243	"	4.62		96.9	50-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.47	0.243	"	4.67		95.7	50-200				
Perfluoro-n-butanoic acid (PFBA)	4.98	0.243	"	4.86		102	50-130				
Surrogate: M3PFBS	*3.27*		"	*4.52*		*72.3*	*25-150*				
Surrogate: M5PFHxA	*3.46*		"	*4.86*		*71.2*	*25-150*				
Surrogate: M4PFHpA	*4.24*		"	*4.86*		*87.2*	*25-150*				
Surrogate: M3PFHxS	*3.45*		"	*4.60*		*75.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.62*		"	*4.86*		*74.5*	*25-150*				
Surrogate: M6PFDA	*3.31*		"	*4.86*		*68.1*	*25-150*				
Surrogate: M7PFUdA	*3.26*		"	*4.86*		*66.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.65*		"	*4.86*		*75.1*	*25-150*				
Surrogate: M2PFTeDA	*2.97*		"	*4.86*		*61.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.58*		"	*4.86*		*73.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.99*		"	*4.65*		*64.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.34*		"	*4.86*		*68.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.85*		"	*4.86*		*58.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.14*		"	*4.86*		*64.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.94*		"	*4.86*		*81.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.58*		"	*4.62*		*77.5*	*25-200*				
Surrogate: M2-8:2 FTS	*4.02*		"	*4.66*		*86.2*	*25-200*				
Surrogate: M9PFNA	*3.78*		"	*4.86*		*77.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21552 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BD21552-MS1)	*Source sample: 22D1118-04 (Matrix Spike)							Prepared: 04/26/2022 Analyzed: 05/03/2022			
Perfluorobutanesulfonic acid (PFBS)	4.26	0.271	ug/kg dry	4.80	ND	88.8	25-150				
Perfluorohexanoic acid (PFHxA)	5.21	0.271	"	5.42	ND	96.1	25-150				
Perfluoroheptanoic acid (PFHpA)	4.26	0.271	"	5.42	ND	78.5	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.86	0.271	"	4.93	ND	98.6	25-150				
Perfluorooctanoic acid (PFOA)	6.12	0.271	"	5.42	ND	113	25-150				
Perfluorooctanesulfonic acid (PFOS)	5.33	0.271	"	5.02	1.06	85.1	25-150				
Perfluorononanoic acid (PFNA)	5.32	0.271	"	5.42	ND	98.0	25-150				
Perfluorodecanoic acid (PFDA)	4.86	0.271	"	5.42	ND	89.7	25-150				
Perfluoroundecanoic acid (PFUnA)	5.65	0.271	"	5.42	0.309	98.4	25-150				
Perfluorododecanoic acid (PFDoA)	4.82	0.271	"	5.42	ND	88.9	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.88	0.271	"	5.42	0.338	83.7	25-150				
Perfluorotetradecanoic acid (PFTA)	5.15	0.271	"	5.42	ND	94.9	25-150				
N-MeFOSAA	4.93	0.271	"	5.42	ND	90.8	25-150				
N-EtFOSAA	4.20	0.271	"	5.42	ND	77.4	25-150				
Perfluoropentanoic acid (PFPeA)	5.46	0.271	"	5.42	ND	101	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.42	0.271	"	5.42	ND	99.9	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.20	0.271	"	5.18	ND	100	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.91	0.271	"	5.23	ND	74.8	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.94	0.271	"	5.15	ND	95.9	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.12	0.271	"	5.21	ND	98.4	25-200				
Perfluoro-n-butanoic acid (PFBA)	5.29	0.271	"	5.42	0.834	82.2	25-150				
Surrogate: M3PFBS	*3.81*		"	*5.04*		*75.7*	*25-150*				
Surrogate: M5PFHxA	*3.83*		"	*5.42*		*70.7*	*25-150*				
Surrogate: M4PFHpA	*5.04*		"	*5.42*		*92.9*	*25-150*				
Surrogate: M3PFHxS	*4.32*		"	*5.13*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.81*		"	*5.42*		*70.3*	*25-150*				
Surrogate: M6PFDA	*4.08*		"	*5.42*		*75.2*	*25-150*				
Surrogate: M7PFUdA	*3.64*		"	*5.42*		*67.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.68*		"	*5.42*		*67.9*	*25-150*				
Surrogate: M2PFTeDA	*2.97*		"	*5.42*		*54.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.13*		"	*5.42*		*76.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.26*		"	*5.19*		*82.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.75*		"	*5.42*		*69.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.47*		"	*5.42*		*64.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		"	*5.42*		*74.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.51*		"	*5.42*		*102*	*25-150*				
Surrogate: M2-6:2 FTS	*4.70*		"	*5.15*		*91.4*	*25-200*				
Surrogate: M2-8:2 FTS	*5.79*		"	*5.20*		*111*	*25-200*				
Surrogate: M9PFNA	*4.03*		"	*5.42*		*74.3*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

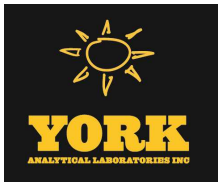
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21552 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BD21552-MS2)	*Source sample: 22D1118-06 (Matrix Spike)							Prepared: 04/26/2022 Analyzed: 05/03/2022			
Perfluorobutanesulfonic acid (PFBS)	5.38	0.312	ug/kg dry	5.53	ND	97.3	25-150				
Perfluorohexanoic acid (PFHxA)	6.48	0.312	"	6.25	ND	104	25-150				
Perfluoroheptanoic acid (PFHpA)	5.07	0.312	"	6.25	ND	81.1	25-150				
Perfluorohexanesulfonic acid (PFHxS)	5.78	0.312	"	5.69	0.343	95.6	25-150				
Perfluorooctanoic acid (PFOA)	6.77	0.312	"	6.25	0.328	103	25-150				
Perfluorooctanesulfonic acid (PFOS)	8.25	0.312	"	5.78	3.38	84.2	25-150				
Perfluorononanoic acid (PFNA)	6.54	0.312	"	6.25	0.416	97.9	25-150				
Perfluorodecanoic acid (PFDA)	6.00	0.312	"	6.25	ND	96.0	25-150				
Perfluoroundecanoic acid (PFUnA)	6.82	0.312	"	6.25	0.713	97.7	25-150				
Perfluorododecanoic acid (PFDoA)	5.26	0.312	"	6.25	ND	84.2	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.56	0.312	"	6.25	ND	89.0	25-150				
Perfluorotetradecanoic acid (PFTA)	6.09	0.312	"	6.25	ND	97.4	25-150				
N-MeFOSAA	6.21	0.312	"	6.25	ND	99.4	25-150				
N-EtFOSAA	5.09	0.312	"	6.25	ND	81.4	25-150				
Perfluoropentanoic acid (PFPeA)	6.75	0.312	"	6.25	0.499	100	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.70	0.312	"	6.25	ND	107	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.50	0.312	"	5.97	ND	109	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.37	0.312	"	6.03	ND	89.0	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.30	0.312	"	5.94	ND	89.3	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	6.57	0.312	"	6.00	ND	110	25-200				
Perfluoro-n-butanoic acid (PFBA)	6.25	0.312	"	6.25	ND	100	25-150				
Surrogate: M3PFBS	*4.31*		"	*5.80*		*74.3*	*25-150*				
Surrogate: M5PFHxA	*4.60*		"	*6.25*		*73.6*	*25-150*				
Surrogate: M4PFHpA	*6.01*		"	*6.25*		*96.3*	*25-150*				
Surrogate: M3PFHxS	*5.05*		"	*5.91*		*85.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.84*		"	*6.25*		*77.5*	*25-150*				
Surrogate: M6PFDA	*4.69*		"	*6.25*		*75.0*	*25-150*				
Surrogate: M7PFUdA	*4.35*		"	*6.25*		*69.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.40*		"	*6.25*		*70.4*	*25-150*				
Surrogate: M2PFTeDA	*3.32*		"	*6.25*		*53.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.81*		"	*6.25*		*77.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.52*		"	*5.98*		*75.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.45*		"	*6.25*		*71.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.95*		"	*6.25*		*63.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.45*		"	*6.25*		*71.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.66*		"	*6.25*		*90.6*	*25-150*				
Surrogate: M2-6:2 FTS	*5.37*		"	*5.93*		*90.7*	*25-200*				
Surrogate: M2-8:2 FTS	*5.59*		"	*5.98*		*93.4*	*25-200*				
Surrogate: M9PFNA	*4.80*		"	*6.25*		*76.9*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21552 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BD21552-MSD1)	*Source sample: 22D1118-04 (Matrix Spike Dup)								Prepared: 04/26/2022 Analyzed: 05/03/2022		
Perfluorobutanesulfonic acid (PFBS)	4.23	0.267	ug/kg dry	4.72	ND	89.6	25-150		0.723	35	
Perfluorohexanoic acid (PFHxA)	5.04	0.267	"	5.33	ND	94.4	25-150		3.39	35	
Perfluoroheptanoic acid (PFHpA)	4.22	0.267	"	5.33	ND	79.2	25-150		0.857	35	
Perfluorohexanesulfonic acid (PFHxS)	4.20	0.267	"	4.85	ND	86.5	25-150		14.7	35	
Perfluorooctanoic acid (PFOA)	5.36	0.267	"	5.33	ND	101	25-150		13.3	35	
Perfluorooctanesulfonic acid (PFOS)	4.03	0.267	"	4.93	1.06	60.2	25-150		27.8	35	
Perfluorononanoic acid (PFNA)	5.24	0.267	"	5.33	ND	98.2	25-150		1.47	35	
Perfluorodecanoic acid (PFDA)	5.29	0.267	"	5.33	ND	99.2	25-150		8.42	35	
Perfluoroundecanoic acid (PFUnA)	5.21	0.267	"	5.33	0.309	91.8	25-150		8.11	35	
Perfluorododecanoic acid (PFDoA)	4.76	0.267	"	5.33	ND	89.3	25-150		1.21	35	
Perfluorotridecanoic acid (PFTrDA)	4.09	0.267	"	5.33	0.338	70.4	25-150		17.4	35	
Perfluorotetradecanoic acid (PFTA)	5.22	0.267	"	5.33	ND	97.8	25-150		1.38	35	
N-MeFOSAA	5.74	0.267	"	5.33	ND	108	25-150		15.2	35	
N-EtFOSAA	5.15	0.267	"	5.33	ND	96.5	25-150		20.4	35	
Perfluoropentanoic acid (PFPeA)	5.31	0.267	"	5.33	ND	99.6	25-150		2.74	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.25	0.267	"	5.33	ND	98.4	25-150		3.16	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.78	0.267	"	5.09	ND	113	25-150		10.6	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.79	0.267	"	5.15	ND	93.1	25-150		20.2	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.72	0.267	"	5.07	ND	73.5	25-200		28.1	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.67	0.267	"	5.12	ND	91.2	25-200		9.20	35	
Perfluoro-n-butanoic acid (PFBA)	5.31	0.267	"	5.33	0.834	83.8	25-150		0.237	35	
Surrogate: M3PFBS	*3.96*		"	*4.95*		*79.9*	*25-150*				
Surrogate: M5PFHxA	*3.97*		"	*5.33*		*74.4*	*25-150*				
Surrogate: M4PFHpA	*5.20*		"	*5.33*		*97.4*	*25-150*				
Surrogate: M3PFHxS	*4.38*		"	*5.05*		*86.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.25*		"	*5.33*		*79.7*	*25-150*				
Surrogate: M6PFDA	*3.81*		"	*5.33*		*71.4*	*25-150*				
Surrogate: M7PFUdA	*3.68*		"	*5.33*		*69.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.64*		"	*5.33*		*68.3*	*25-150*				
Surrogate: M2PFTeDA	*2.95*		"	*5.33*		*55.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.21*		"	*5.33*		*79.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.66*		"	*5.10*		*71.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.87*		"	*5.33*		*72.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.37*		"	*5.33*		*63.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.86*		"	*5.33*		*72.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.88*		"	*5.33*		*91.6*	*25-150*				
Surrogate: M2-6:2 FTS	*5.39*		"	*5.06*		*106*	*25-200*				
Surrogate: M2-8:2 FTS	*6.27*		"	*5.11*		*123*	*25-200*				
Surrogate: M9PFNA	*4.07*		"	*5.33*		*76.3*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21552 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BD21552-MSD2)	*Source sample: 22D1118-06 (Matrix Spike Dup)								Prepared: 04/26/2022 Analyzed: 05/03/2022		
Perfluorobutanesulfonic acid (PFBS)	4.97	0.298	ug/kg dry	5.27	ND	94.4	25-150		7.87	35	
Perfluorohexanoic acid (PFHxA)	5.88	0.298	"	5.95	ND	98.9	25-150		9.63	35	
Perfluoroheptanoic acid (PFHpA)	5.00	0.298	"	5.95	ND	84.0	25-150		1.46	35	
Perfluorohexanesulfonic acid (PFHxS)	5.76	0.298	"	5.42	0.343	100	25-150		0.214	35	
Perfluorooctanoic acid (PFOA)	6.55	0.298	"	5.95	0.328	105	25-150		3.28	35	
Perfluorooctanesulfonic acid (PFOS)	8.50	0.298	"	5.50	3.38	92.9	25-150		2.99	35	
Perfluorononanoic acid (PFNA)	6.46	0.298	"	5.95	0.416	102	25-150		1.14	35	
Perfluorodecanoic acid (PFDA)	5.83	0.298	"	5.95	ND	97.9	25-150		2.89	35	
Perfluoroundecanoic acid (PFUnA)	6.19	0.298	"	5.95	0.713	92.0	25-150		9.66	35	
Perfluorododecanoic acid (PFDoA)	5.21	0.298	"	5.95	ND	87.6	25-150		0.909	35	
Perfluorotridecanoic acid (PFTrDA)	6.11	0.298	"	5.95	ND	103	25-150		9.43	35	
Perfluorotetradecanoic acid (PFTA)	5.95	0.298	"	5.95	ND	100	25-150		2.20	35	
N-MeFOSAA	6.68	0.298	"	5.95	ND	112	25-150		7.37	35	
N-EtFOSAA	5.77	0.298	"	5.95	ND	96.9	25-150		12.5	35	
Perfluoropentanoic acid (PFPeA)	6.44	0.298	"	5.95	0.499	99.8	25-150		4.70	35	
Perfluoro-1-octanesulfonamide (FOSA)	6.44	0.298	"	5.95	ND	108	25-150		4.01	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.42	0.298	"	5.68	ND	113	25-150		1.17	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.68	0.298	"	5.74	ND	81.5	25-150		13.7	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.78	0.298	"	5.65	0.302	79.2	25-200		10.4	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.58	0.298	"	5.71	ND	97.6	25-200		16.3	35	
Perfluoro-n-butanoic acid (PFBA)	5.84	0.298	"	5.95	ND	98.1	25-150		6.84	35	
Surrogate: M3PFBS	*4.07*		"	*5.53*		*73.6*	*25-150*				
Surrogate: M5PFHxA	*4.30*		"	*5.95*		*72.2*	*25-150*				
Surrogate: M4PFHpA	*5.50*		"	*5.95*		*92.4*	*25-150*				
Surrogate: M3PFHxS	*4.60*		"	*5.63*		*81.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.53*		"	*5.95*		*76.0*	*25-150*				
Surrogate: M6PFDA	*4.24*		"	*5.95*		*71.2*	*25-150*				
Surrogate: M7PFUdA	*4.07*		"	*5.95*		*68.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.02*		"	*5.95*		*67.5*	*25-150*				
Surrogate: M2PFTeDA	*3.23*		"	*5.95*		*54.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.56*		"	*5.95*		*76.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.08*		"	*5.69*		*71.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.19*		"	*5.95*		*70.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.49*		"	*5.95*		*58.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.53*		"	*5.95*		*59.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.11*		"	*5.95*		*85.9*	*25-150*				
Surrogate: M2-6:2 FTS	*5.31*		"	*5.65*		*94.1*	*25-200*				
Surrogate: M2-8:2 FTS	*6.47*		"	*5.70*		*113*	*25-200*				
Surrogate: M9PFNA	*4.20*		"	*5.95*		*70.6*	*25-150*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21783 - % Solids Prep											
Duplicate (BD21783-DUP1)	*Source sample: 22D1094-01 (DB-7 PFAS @ 4-6')								Prepared: 04/28/2022 Analyzed: 04/29/2022		
% Solids	81.0	0.100	%		80.7				0.375	20	

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2201094

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental Geosciences	Company: Laurel Environmental	Company: Laurel Environmental
Address: 55 W. Hills Rd, Suite #1 Huntington Station, NY	Address:	Address:
Phone: (631) 673-0612	Phone:	Phone:
Contact: Scott Yanuck	Contact: Scott Yanuck	Contact: Kathy Lobasso
E-mail: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 9 North 15th Street, Brooklyn, NY

YOUR PO#: 21-435.3

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Michael Oliver
M Oliver

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
DB-7 PFAS @ 4-6'	S	4/21/22 09:45	537M	(1) 250mL HDPE
DB-11 PFAS @ 4-5'	↓	↓ 11:05	↓	↓

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Oliver/Laurel Environmental	4/22/22 09:00	KBankyork	4/22/22 950Am	KBankyork	4/22/22 1628
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				SS	4/22/22 1628 / 3.3 Degrees C

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 05/04/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1087

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/04/2022
Client Project ID: 9 North 15th Street, Brooklyn, NY 21-435.3
York Project (SDG) No.: 22D1087

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 22, 2022 and listed below. The project was identified as your project: **9 North 15th Street, Brooklyn, NY 21-435.3**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22D1087-01	WC-1 Composite	Soil	04/21/2022	04/22/2022
22D1087-02	WC-2 Composite	Soil	04/21/2022	04/22/2022
22D1087-03	WC-1 @ 4'	Soil	04/21/2022	04/22/2022
22D1087-04	WC-2 @ 4'	Soil	04/21/2022	04/22/2022

General Notes for York Project (SDG) No.: 22D1087

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:  **Date:** 05/04/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**13**		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**3.3**	J	ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**18**		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
75-09-2	**Methylene chloride**	**1200**	B	ug/kg dry	570	1100	100	EPA 8260C Certifications:	04/28/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 11:32	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 16:22	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 16:22	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
127-18-4	**Tetrachloroethylene**	**180**		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH	04/27/2022 16:22	FTR
79-01-6	**Trichloroethylene**	**9400**		ug/kg dry	280	570	100	EPA 8260C Certifications:	04/28/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 11:32	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:22	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2022 16:22	FTR

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*			*76-130*						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
127-18-4	**Tetrachloroethylene**	**29**	J	ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
79-01-6	**Trichloroethylene**	**340**		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:04	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*86.7 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:22	FTR

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,PADEP	04/28/2022 11:53	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,PADEP	04/28/2022 11:53	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,PADEP	04/28/2022 11:53	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
83-32-9	**Acenaphthene**	**58.2**	J	ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
208-96-8	**Acenaphthylene**	**102**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
62-53-3	Aniline	ND		ug/kg dry	184	369	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
120-12-7	**Anthracene**	**182**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
92-87-5	Benzidine	ND		ug/kg dry	184	369	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,PADEP	04/28/2022 11:53	KH
56-55-3	**Benzo(a)anthracene**	**627**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
50-32-8	**Benzo(a)pyrene**	**929**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
205-99-2	**Benzo(b)fluoranthene**	**729**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
191-24-2	**Benzo(g,h,i)perylene**	**761**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
207-08-9	**Benzo(k)fluoranthene**	**621**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**939**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
105-60-2	Caprolactam	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
86-74-8	**Carbazole**	**69.2**	J	ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
218-01-9	**Chrysene**	**618**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
53-70-3	**Dibenzo(a,h)anthracene**	**239**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications:	04/26/2022 07:29	04/28/2022 11:53	KH
206-44-0	**Fluoranthene**	**775**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
86-73-7	**Fluorene**	**68.5**	J	ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**853**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH
78-59-1	Isophorone	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 11:53	KH

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
85-01-8	**Phenanthrene**	**709**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
108-95-2	Phenol	ND		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH
129-00-0	**Pyrene**	**1180**		ug/kg dry	46.2	92.1	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 11:53	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.8 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*37.1 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.5 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*7.08 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.4 %*		*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications:	04/26/2022 14:48 NELAC-NY10854,PADEP	04/28/2022 12:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications:	04/26/2022 14:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications:	04/26/2022 14:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications:	04/26/2022 14:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:26	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications:	04/26/2022 14:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications:	04/26/2022 14:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:26	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications:	04/26/2022 14:48 CTDOH,NELAC-NY10854	04/28/2022 12:26	KH

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 12:26	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 12:26	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 12:26	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 12:26	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 12:26	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 12:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.5 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*27.0 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.2 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.4 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.9 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.3 %*	*25.8-110*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	04/26/2022 07:29	04/28/2022 11:53	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:30	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:30	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:30	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:30	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:30	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/27/2022 07:23	04/28/2022 16:30	CM

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
12789-03-6	Chlordane, total	ND		ug/kg dry	36.9	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854	04/28/2022 16:30	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 NELAC-NY10854,NJDEP	04/28/2022 16:30	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.23	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.4	5	EPA 8081B Certifications:	04/27/2022 07:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 16:30	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-150*

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12789-03-6	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications:	04/26/2022 14:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 14:48	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	04/26/2022 14:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 14:48	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications:	04/26/2022 14:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 14:48	CM

Sample Information

Client Sample ID: WC-1 Composite **York Sample ID:** 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 14:48	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 14:48	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 14:48	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 14:48	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.2 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:39	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:39	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:39	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:39	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:39	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:39	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:39	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	04/27/2022 07:23	04/27/2022 23:39	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 13:03	04/28/2022 19:00	BJ

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 13:03	04/28/2022 19:00	BJ
94-75-7	2,4-D	ND		ug/kg dry	22.5	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 13:03	04/28/2022 19:00	BJ

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*42.2 %*	*21-150*

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	04/27/2022 07:40	04/27/2022 17:00	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	04/27/2022 07:40	04/27/2022 17:00	BJ

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*54.8 %*	*10-150*

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**192**		mg/kg dry	11.1	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:35	04/27/2022 13:22	CM

Surrogate Recoveries	Result	Acceptance Range
638-68-6 *Surrogate: Triacontane*	*76.0 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	90.4	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	04/25/2022 09:00	04/25/2022 22:29	OC

Surrogate Recoveries	Result	Acceptance Range
460-00-4 *Surrogate: SURR: p-Bromofluorobenzene*	*123 %*	*70-130*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **WC-1 Composite** **York Sample ID:** **22D1087-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5610**		mg/kg dry	5.65	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**2.92**		mg/kg dry	2.83	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**18.7**		mg/kg dry	1.70	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**166**		mg/kg dry	2.83	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.269**		mg/kg dry	0.057	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**11.5**		mg/kg dry	0.339	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**52000**		mg/kg dry	5.65	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**59.3**		mg/kg dry	0.565	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**31.1**		mg/kg dry	0.452	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**945**		mg/kg dry	2.26	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**19200**		mg/kg dry	28.3	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**800**		mg/kg dry	0.565	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2310**		mg/kg dry	5.65	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**277**		mg/kg dry	0.565	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**2260**		mg/kg dry	1.13	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**804**		mg/kg dry	5.65	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.565	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**1240**		mg/kg dry	56.5	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**19.8**		mg/kg dry	1.13	1	EPA 6010D	04/29/2022 16:51	05/03/2022 12:50	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-1 Composite

York Sample ID: 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**4430**		mg/kg dry	28.3	10	EPA 6010D	04/29/2022 16:51	05/03/2022 16:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:31	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:31	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:31	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:31	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:31	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:31	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:31	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.95**		mg/kg dry	0.0339	1	EPA 7473	04/29/2022 10:18	04/29/2022 15:30	BML
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.000519**		mg/L	0.000200	1	EPA 7470/1311	04/28/2022 13:03	04/28/2022 13:03	AD
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**439**		mg/kg dry	56.5	10	EPA 9014/9010C	04/28/2022 08:25	04/28/2022 13:36	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

pH

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-1 Composite **York Sample ID:** 22D1087-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**9.71**		pH units	0.500	1	EPA 9045D	04/28/2022 14:45	04/28/2022 17:29	ZTS
							Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP			

Flashpoint **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Flashpoint	> 200		°F	50.0	1	EPA 1010A	04/25/2022 11:12	04/25/2022 14:02	TAJ
							Certifications: NELAC-NY10854,NJDEP			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	04/27/2022 09:27	04/27/2022 13:26	VR
							Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311 **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/25/2022 16:39	04/26/2022 11:41	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/25/2022 16:36	04/26/2022 11:09	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/28/2022 17:06	04/29/2022 11:08	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-2 Composite **York Sample ID:** 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Sample Information

Client Sample ID: **WC-2 Composite** **York Sample ID:** **22D1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**17**		ug/kg dry	5.6	11	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**4.1**	J	ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**18**		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	04/27/2022 09:00	04/27/2022 16:48	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
75-09-2	**Methylene chloride**	**6000**	B	ug/kg dry	560	1100	100	EPA 8260C Certifications:	04/28/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 11:59	FTR
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 16:48	FTR
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/27/2022 16:48	FTR
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
127-18-4	**Tetrachloroethylene**	**160**		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH	04/27/2022 16:48	FTR
79-01-6	**Trichloroethylene**	**13000**		ug/kg dry	280	560	100	EPA 8260C Certifications:	04/28/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/28/2022 11:59	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/27/2022 16:48	FTR
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	04/27/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/27/2022 16:48	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*			*76-130*						

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
127-18-4	**Tetrachloroethylene**	**30**	J	ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
79-01-6	**Trichloroethylene**	**340**		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	04/29/2022 09:00	04/29/2022 14:31	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.8 %*	*77-125*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.4 %*	*76-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*85-120*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	04/27/2022 09:00	04/27/2022 16:48	FTR

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **WC-2 Composite** **York Sample ID:** **22D1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,PADEP	04/28/2022 12:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,PADEP	04/28/2022 12:23	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,PADEP	04/28/2022 12:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
208-96-8	**Acenaphthylene**	**226**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
120-12-7	**Anthracene**	**149**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
92-87-5	Benzidine	ND		ug/kg dry	185	370	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,PADEP	04/28/2022 12:23	KH
56-55-3	**Benzo(a)anthracene**	**718**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
50-32-8	**Benzo(a)pyrene**	**1290**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
205-99-2	**Benzo(b)fluoranthene**	**949**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
191-24-2	**Benzo(g,h,i)perylene**	**1050**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
207-08-9	**Benzo(k)fluoranthene**	**817**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/26/2022 07:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/28/2022 12:23	KH

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1030**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
105-60-2	Caprolactam	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
86-74-8	**Carbazole**	**110**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
218-01-9	**Chrysene**	**786**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
53-70-3	**Dibenzo(a,h)anthracene**	**200**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/26/2022 07:29	04/28/2022 12:23	KH
206-44-0	**Fluoranthene**	**899**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
86-73-7	**Fluorene**	**85.8**	J	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1140**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
78-59-1	Isophorone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
91-20-3	**Naphthalene**	**63.6**	J	ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
85-01-8	**Phenanthrene**	**937**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
108-95-2	Phenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH
129-00-0	**Pyrene**	**1390**		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 07:29	04/28/2022 12:23	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.5 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*39.7 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*7.00 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*38.4 %*		*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	04/26/2022 14:48	04/28/2022 13:02	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:48	04/28/2022 13:02	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.9 %*	*10-90.9*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*29.3 %*	*10-69.2*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.8 %*	*19.2-141*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.6 %*	*24.8-127*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*	*23-163*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.1 %*	*25.8-110*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	04/26/2022 07:29	04/28/2022 12:23	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/27/2022 07:23	04/28/2022 16:46	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12789-03-6	Chlordane, total	ND		ug/kg dry	36.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/27/2022 07:23	04/28/2022 16:46	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/27/2022 07:23	04/28/2022 16:46	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.09	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM
8001-35-2	Toxaphene	ND		ug/kg dry	92.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 07:23	04/28/2022 16:46	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-150*

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12789-03-6	Chlordane, total	ND		ug/L	0.222	0.222	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 15:05	CM
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 15:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 15:05	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 15:05	CM

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 15:05	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 15:05	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/26/2022 14:47	04/28/2022 15:05	CM

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*70.3 %*	*30-120*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*66.2 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:53	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:53	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:53	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:53	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:53	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:53	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/27/2022 07:23	04/27/2022 23:53	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	04/27/2022 07:23	04/27/2022 23:53	BJ

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*83.0 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/kg dry	22.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 13:03	04/28/2022 19:11	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/27/2022 13:03	04/28/2022 19:11	BJ

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		ug/kg dry	22.4	1	EPA 8151A	04/27/2022 13:03	04/28/2022 19:11	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*42.0 %*	*21-150*

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311	04/27/2022 07:40	04/27/2022 17:11	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311	04/27/2022 07:40	04/27/2022 17:11	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*60.6 %*	*10-150*

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**228**		mg/kg dry	10.8	1	EPA 8015D	04/27/2022 07:35	04/27/2022 13:53	CM
							Certifications: NELAC-NY10854,NJDEP,PADEP			

Surrogate Recoveries	Result	Acceptance Range
638-68-6 *Surrogate: Triacontane*	*68.7 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	90.2	100	EPA 8015D	04/25/2022 09:00	04/25/2022 23:06	OC
							Certifications: NELAC-NY10854,NJDEP,PADEP			

Surrogate Recoveries	Result	Acceptance Range
460-00-4 *Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*70-130*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4330**		mg/kg dry	5.64	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-2 Composite

York Sample ID: 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**3.83**		mg/kg dry	2.82	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**15.1**		mg/kg dry	1.69	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**96.9**		mg/kg dry	2.82	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**2.29**		mg/kg dry	0.338	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**32400**		mg/kg dry	5.64	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**43.9**		mg/kg dry	0.564	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**15.8**		mg/kg dry	0.451	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**719**		mg/kg dry	2.26	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**17200**		mg/kg dry	28.2	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**232**	B	mg/kg dry	0.564	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2320**		mg/kg dry	5.64	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**172**		mg/kg dry	0.564	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**1330**		mg/kg dry	1.13	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**652**		mg/kg dry	5.64	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.564	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**932**		mg/kg dry	56.4	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.82	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**19.4**		mg/kg dry	1.13	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**2140**		mg/kg dry	2.82	1	EPA 6010D	04/28/2022 12:56	04/29/2022 16:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **WC-2 Composite** **York Sample ID:** **22D1087-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311	05/03/2022 18:02	05/04/2022 12:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.89**		mg/kg dry	0.0338	1	EPA 7473	04/29/2022 10:18	04/29/2022 15:46	BML
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	04/28/2022 13:03	04/28/2022 13:03	AD
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**228**		mg/kg dry	56.4	10	EPA 9014/9010C	04/28/2022 08:25	04/28/2022 13:36	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**9.99**		pH units	0.500	1	EPA 9045D	04/28/2022 14:45	04/28/2022 17:29	ZTS
							Certifications: NELAC-NY10854,CTDOH,PADEP,NJDEP			

Flashpoint

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WC-2 Composite **York Sample ID:** 22D1087-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 1:00 pm	04/22/2022

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Flashpoint	> 200		°F	50.0	1	EPA 1010A	04/25/2022 11:12	04/25/2022 14:02	TAJ
							Certifications: NELAC-NY10854,NJDEP			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.7**		%	0.100	1	SM 2540G	04/27/2022 09:27	04/27/2022 13:26	VR
							Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311 **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/25/2022 16:39	04/26/2022 11:41	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/25/2022 16:36	04/26/2022 11:09	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE **Log-in Notes:** **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	04/28/2022 17:06	04/29/2022 11:08	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-1 @ 4' **York Sample ID:** 22D1087-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:45 am	04/22/2022

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	04/24/2022 12:55	04/24/2022 15:43	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-1 @ 4' **York Sample ID:** 22D1087-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:45 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	OC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP	OC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
123-91-1	1,4-Dioxane	ND		ug/kg dry	80	160	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-93-3	2-Butanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
591-78-6	2-Hexanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-64-1	**Acetone**	**530**	E	ug/kg dry	8.0	16	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC

Sample Information

Client Sample ID: WC-1 @ 4' **York Sample ID:** 22D1087-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:45 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
107-13-1	Acrylonitrile	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
71-43-2	Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
75-25-2	Bromoform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
74-83-9	Bromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
75-15-0	Carbon disulfide	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
75-00-3	Chloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
67-66-3	Chloroform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
74-87-3	Chloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
156-59-2	**cis-1,2-Dichloroethylene**	**74**		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
110-82-7	Cyclohexane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC
79-20-9	Methyl acetate	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 15:43	OC

Sample Information

Client Sample ID: WC-1 @ 4' **York Sample ID:** 22D1087-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:45 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-09-2	**Methylene chloride**	**20**	B	ug/kg dry	8.0	16	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-47-6	o-Xylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	OC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
100-42-5	Styrene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
127-18-4	**Tetrachloroethylene**	**29000**		ug/kg dry	390	770	100	EPA 8260C Certifications:	04/25/2022 09:00	04/25/2022 15:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-88-3	Toluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
156-60-5	**trans-1,2-Dichloroethylene**	**7.1**	J, B	ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH	OC
79-01-6	**Trichloroethylene**	**150000**		ug/kg dry	1900	3900	500	EPA 8260C Certifications:	04/26/2022 09:00	04/26/2022 11:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 15:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	OC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*

Sample Information

Client Sample ID: WC-1 @ 4' **York Sample ID:** 22D1087-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:45 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.2**		%	0.100	1	SM 2540G	04/27/2022 09:27	04/27/2022 13:26	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: WC-2 @ 4' **York Sample ID:** 22D1087-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:00 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: WC-2 @ 4'

York Sample ID: 22D1087-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:00 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
67-64-1	Acetone	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
107-02-8	Acrolein	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55	04/24/2022 16:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	OC

Sample Information

Client Sample ID: WC-2 @ 4' **York Sample ID:** 22D1087-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:00 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
156-59-2	**cis-1,2-Dichloroethylene**	**32**		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
110-82-7	Cyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
87-68-3	**Hexachlorobutadiene**	**5.8**	J	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
75-09-2	**Methylene chloride**	**7.0**	J, B	ug/kg dry	6.4	13	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/24/2022 16:11	OC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/24/2022 16:11	OC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	04/24/2022 12:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/24/2022 16:11	OC

Sample Information

Client Sample ID: WC-2 @ 4' **York Sample ID:** 22D1087-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D1087	9 North 15th Street, Brooklyn, NY 21-435.3	Soil	April 21, 2022 11:00 am	04/22/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**24000**		ug/kg dry	580	1200	100	EPA 8260C	04/25/2022 09:00	04/25/2022 16:21	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**3.8**	J	ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	**trans-1,2-Dichloroethylene**	**4.3**	J, B	ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH		
79-01-6	**Trichloroethylene**	**140000**	E	ug/kg dry	1200	2300	200	EPA 8260C	04/26/2022 09:00	04/26/2022 11:58	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.5	19	1	EPA 8260C	04/24/2022 12:55	04/24/2022 16:11	OC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	04/27/2022 09:27	04/27/2022 13:26	VR
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BD21428 **Preparation Method:** EPA 5035A **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-03	WC-1 @ 4'	04/24/22
22D1087-04	WC-2 @ 4'	04/24/22
BD21428-BLK1	Blank	04/24/22
BD21428-BLK2	Blank	04/24/22
BD21428-BS1	LCS	04/24/22
BD21428-BSD1	LCS Dup	04/24/22

Batch ID: BD21442 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-03RE1	WC-1 @ 4'	04/25/22
22D1087-04RE1	WC-2 @ 4'	04/25/22
BD21442-BLK1	Blank	04/25/22
BD21442-BLK2	Blank	04/25/22
BD21442-BS1	LCS	04/25/22
BD21442-BSD1	LCS Dup	04/25/22
BD21442-MS1	Matrix Spike	04/25/22
BD21442-MSD1	Matrix Spike Dup	04/25/22

Batch ID: BD21460 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/25/22
22D1087-02	WC-2 Composite	04/25/22
BD21460-SRM1	Reference	04/25/22

Batch ID: BD21495 **Preparation Method:** EPA 5035A **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/25/22
22D1087-02	WC-2 Composite	04/25/22
BD21495-BLK1	Blank	04/25/22
BD21495-DUP1	Duplicate	04/25/22
BD21495-MS1	Matrix Spike	04/25/22
BD21495-SRM1	Reference	04/25/22

Batch ID: BD21506 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV(**Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/25/22
22D1087-02	WC-2 Composite	04/25/22
BD21506-BLK1	Blank	04/25/22

Batch ID: BD21507 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/25/22
22D1087-02	WC-2 Composite	04/25/22
BD21507-BLK1	Blank	04/25/22

Batch ID: BD21517 **Preparation Method:** EPA 3546 SVOA **Prepared By:** NN

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/26/22
22D1087-01	WC-1 Composite	04/26/22
22D1087-02	WC-2 Composite	04/26/22
22D1087-02	WC-2 Composite	04/26/22
BD21517-BLK1	Blank	04/26/22
BD21517-BLK1	Blank	04/26/22
BD21517-BS1	LCS	04/26/22
BD21517-MS1	Matrix Spike	04/26/22
BD21517-MSD1	Matrix Spike Dup	04/26/22

Batch ID: BD21534 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-03RE2	WC-1 @ 4'	04/26/22
22D1087-04RE2	WC-2 @ 4'	04/26/22
BD21534-BLK1	Blank	04/26/22
BD21534-BLK2	Blank	04/26/22
BD21534-BS1	LCS	04/26/22
BD21534-BSD1	LCS Dup	04/26/22
BD21534-MS1	Matrix Spike	04/26/22
BD21534-MSD1	Matrix Spike Dup	04/26/22

Batch ID: BD21572 **Preparation Method:** EPA 3510C/1311 **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/26/22
22D1087-02	WC-2 Composite	04/26/22
BD21572-BLK1	Blank	04/26/22
BD21572-BS1	LCS	04/26/22
BD21572-BSD1	LCS Dup	04/26/22
BD21572-LBK1	Leach Fluid Blank	04/26/22

Batch ID: BD21576 **Preparation Method:** EPA 3510C/1311 **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/26/22
22D1087-02	WC-2 Composite	04/26/22

BD21576-BLK1	Blank	04/26/22
BD21576-BS1	LCS	04/26/22
BD21576-BSD1	LCS Dup	04/26/22
BD21576-LBK1	Leach Fluid Blank	04/26/22

Batch ID: BD21594 **Preparation Method:** EPA 3550C **Prepared By:** NN

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/27/22
22D1087-01	WC-1 Composite	04/27/22
22D1087-02	WC-2 Composite	04/27/22
22D1087-02	WC-2 Composite	04/27/22
BD21594-BLK1	Blank	04/27/22
BD21594-BLK2	Blank	04/27/22
BD21594-BS1	LCS	04/27/22
BD21594-BS2	LCS	04/27/22
BD21594-MS2	Matrix Spike	04/27/22
BD21594-MSD2	Matrix Spike Dup	04/27/22

Batch ID: BD21598 **Preparation Method:** EPA 3550C **Prepared By:** NN

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/27/22
22D1087-02	WC-2 Composite	04/27/22
BD21598-BLK1	Blank	04/27/22
BD21598-BS1	LCS	04/27/22
BD21598-MS1	Matrix Spike	04/27/22
BD21598-MSD1	Matrix Spike Dup	04/27/22

Batch ID: BD21601 **Preparation Method:** EPA 3535A/1311 **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/27/22
22D1087-02	WC-2 Composite	04/27/22
BD21601-BLK1	Blank	04/27/22
BD21601-BS1	LCS	04/27/22
BD21601-BSD1	LCS Dup	04/27/22

Batch ID: BD21609 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/27/22
22D1087-02	WC-2 Composite	04/27/22
BD21609-BLK1	Blank	04/27/22
BD21609-BLK2	Blank	04/27/22
BD21609-BS1	LCS	04/27/22
BD21609-BSD1	LCS Dup	04/27/22

Batch ID: BD21612 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/27/22
22D1087-02	WC-2 Composite	04/27/22
22D1087-03	WC-1 @ 4'	04/27/22
22D1087-04	WC-2 @ 4'	04/27/22
BD21612-DUP1	Duplicate	04/27/22

Batch ID: BD21633 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/27/22
22D1087-02	WC-2 Composite	04/27/22
BD21633-BLK1	Blank	04/27/22
BD21633-BS1	LCS	04/27/22
BD21633-MS1	Matrix Spike	04/27/22
BD21633-MSD1	Matrix Spike Dup	04/27/22

Batch ID: BD21677 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJA

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/28/22
22D1087-02	WC-2 Composite	04/28/22
BD21677-BLK1	Blank	04/28/22
BD21677-DUP1	Duplicate	04/28/22
BD21677-MS1	Matrix Spike	04/28/22
BD21677-SRM1	Reference	04/28/22

Batch ID: BD21680 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01RE1	WC-1 Composite	04/28/22
22D1087-02RE1	WC-2 Composite	04/28/22
BD21680-BLK1	Blank	04/28/22
BD21680-BLK2	Blank	04/28/22
BD21680-BS1	LCS	04/28/22
BD21680-BSD1	LCS Dup	04/28/22

Batch ID: BD21722 **Preparation Method:** EPA 3050B **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-02	WC-2 Composite	04/28/22
BD21722-BLK1	Blank	04/28/22
BD21722-DUP1	Duplicate	04/28/22
BD21722-MS1	Matrix Spike	04/28/22
BD21722-PS1	Post Spike	04/28/22
BD21722-SRM1	Reference	04/28/22

Batch ID: BD21725 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/28/22
22D1087-02	WC-2 Composite	04/28/22
BD21725-BLK1	Blank	04/28/22
BD21725-BLK2	Blank	04/28/22
BD21725-BS1	LCS	04/28/22
BD21725-BS2	LCS	04/28/22

Batch ID: BD21735 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/28/22
22D1087-02	WC-2 Composite	04/28/22
BD21735-DUP1	Duplicate	04/28/22

Batch ID: BD21746 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/28/22
22D1087-02	WC-2 Composite	04/28/22
BD21746-BLK1	Blank	04/28/22

Batch ID: BD21768 **Preparation Method:** EPA 5030B/1311 **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/29/22
22D1087-02	WC-2 Composite	04/29/22
BD21768-BLK1	Blank	04/29/22
BD21768-BS1	LCS	04/29/22
BD21768-BSD1	LCS Dup	04/29/22
BD21768-DUP1	Duplicate	04/29/22

Batch ID: BD21776 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/29/22
22D1087-02	WC-2 Composite	04/29/22
BD21776-BLK1	Blank	04/29/22
BD21776-DUP1	Duplicate	04/29/22
BD21776-MS1	Matrix Spike	04/29/22
BD21776-SRM1	Reference	04/29/22

Batch ID: BD21807 **Preparation Method:** EPA 3050B **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	04/29/22
22D1087-01RE1	WC-1 Composite	04/29/22
BD21807-BLK1	Blank	04/29/22
BD21807-DUP1	Duplicate	04/29/22
BD21807-MS1	Matrix Spike	04/29/22
BD21807-PS1	Post Spike	04/29/22
BD21807-SRM1	Reference	04/29/22

Batch ID: BE20155 **Preparation Method:** EPA 3015A/1311 **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22D1087-01	WC-1 Composite	05/03/22
22D1087-02	WC-2 Composite	05/03/22
BE20155-BLK1	Blank	05/03/22
BE20155-BS1	LCS	05/03/22
BE20155-DUP1	Duplicate	05/03/22
BE20155-LBK1	Leach Fluid Blank	05/03/22
BE20155-MS1	Matrix Spike	05/03/22
BE20155-PS1	Post Spike	05/03/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21428 - EPA 5035A											
Blank (BD21428-BLK1)											Prepared & Analyzed: 04/24/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21428 - EPA 5035A											
Blank (BD21428-BLK1)											Prepared & Analyzed: 04/24/2022
Methylene chloride	9.4	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	2.9	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.3*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.2*		*"*	*50.0*		*108*	*76-130*				
Blank (BD21428-BLK2)											Prepared & Analyzed: 04/24/2022
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21428 - EPA 5035A											
Blank (BD21428-BLK2)									Prepared & Analyzed: 04/24/2022		
Benzene	ND	500	ug/kg wet								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	1600	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	280	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.5*		*ug/L*	*50.0*		*93.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.3*		*"*	*50.0*		*107*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21428 - EPA 5035A											
LCS (BD21428-BS1)								Prepared & Analyzed: 04/24/2022			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.5	75-129				
1,1,1-Trichloroethane	43		"	50.0		86.5	71-137				
1,1,2,2-Tetrachloroethane	57		"	50.0		114	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.5	58-146				
1,1,2-Trichloroethane	49		"	50.0		98.7	83-123				
1,1-Dichloroethane	45		"	50.0		90.8	75-130				
1,1-Dichloroethylene	47		"	50.0		93.2	64-137				
1,2,3-Trichlorobenzene	51		"	50.0		102	81-140				
1,2,3-Trichloropropane	52		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		111	84-125				
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	54		"	50.0		108	85-122				
1,2-Dichloroethane	43		"	50.0		85.4	71-133				
1,2-Dichloropropane	55		"	50.0		111	81-122				
1,3,5-Trimethylbenzene	56		"	50.0		111	82-126				
1,3-Dichlorobenzene	54		"	50.0		107	84-124				
1,4-Dichlorobenzene	54		"	50.0		109	84-124				
1,4-Dioxane	730		"	1050		69.3	10-228				
2-Butanone	36		"	50.0		72.9	58-147				
2-Hexanone	48		"	50.0		96.9	70-139				
4-Methyl-2-pentanone	50		"	50.0		99.5	72-132				
Acetone	31		"	50.0		62.2	36-155				
Acrolein	22		"	500		4.39	10-238	Low Bias			
Acrylonitrile	43		"	50.0		86.5	66-141				
Benzene	45		"	50.0		90.4	77-127				
Bromochloromethane	46		"	50.0		92.7	74-129				
Bromodichloromethane	51		"	50.0		102	81-124				
Bromoform	49		"	50.0		98.7	80-136				
Bromomethane	39		"	50.0		77.1	32-177				
Carbon disulfide	48		"	50.0		95.7	10-136				
Carbon tetrachloride	44		"	50.0		88.4	66-143				
Chlorobenzene	53		"	50.0		107	86-120				
Chloroethane	37		"	50.0		74.1	51-142				
Chloroform	45		"	50.0		89.1	76-131				
Chloromethane	41		"	50.0		81.4	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		91.0	74-132				
cis-1,3-Dichloropropylene	53		"	50.0		107	81-129				
Cyclohexane	46		"	50.0		92.4	70-130				
Dibromochloromethane	49		"	50.0		97.8	10-200				
Dibromomethane	48		"	50.0		97.0	83-124				
Dichlorodifluoromethane	32		"	50.0		63.0	28-158				
Ethyl Benzene	52		"	50.0		105	84-125				
Hexachlorobutadiene	51		"	50.0		103	83-133				
Isopropylbenzene	58		"	50.0		115	81-127				
Methyl acetate	40		"	50.0		79.7	41-143				
Methyl tert-butyl ether (MTBE)	41		"	50.0		81.8	74-131				
Methylcyclohexane	51		"	50.0		102	70-130				
Methylene chloride	44		"	50.0		87.7	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21428 - EPA 5035A											
LCS (BD21428-BS1)								Prepared & Analyzed: 04/24/2022			
n-Butylbenzene	56		ug/L	50.0		113	80-130				
n-Propylbenzene	57		"	50.0		115	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	110		"	100		105	82-128				
p-Isopropyltoluene	56		"	50.0		111	85-125				
sec-Butylbenzene	57		"	50.0		113	83-125				
Styrene	50		"	50.0		100	86-126				
tert-Butyl alcohol (TBA)	190		"	250		75.4	70-130				
tert-Butylbenzene	56		"	50.0		111	80-127				
Tetrachloroethylene	40		"	50.0		79.3	80-129	Low Bias			
Toluene	52		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	53		"	50.0		105	78-132				
trans-1,4-dichloro-2-butene	55		"	50.0		110	75-135				
Trichloroethylene	51		"	50.0		103	84-123				
Trichlorofluoromethane	35		"	50.0		69.7	62-140				
Vinyl Chloride	34		"	50.0		68.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.5*		*"*	*50.0*		*107*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*76-130*				
LCS Dup (BD21428-BSD1)								Prepared & Analyzed: 04/24/2022			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.4	75-129		0.142	30	
1,1,1-Trichloroethane	44		"	50.0		87.5	71-137		1.15	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		115	79-129		1.14	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.6	58-146		0.0428	30	
1,1,2-Trichloroethane	49		"	50.0		98.1	83-123		0.569	30	
1,1-Dichloroethane	45		"	50.0		90.5	75-130		0.309	30	
1,1-Dichloroethylene	46		"	50.0		92.3	64-137		0.948	30	
1,2,3-Trichlorobenzene	51		"	50.0		101	81-140		0.414	30	
1,2,3-Trichloropropane	52		"	50.0		105	81-126		0.134	30	
1,2,4-Trichlorobenzene	53		"	50.0		105	80-141		0.343	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125		0.524	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		107	74-142		0.730	30	
1,2-Dibromoethane	50		"	50.0		100	86-123		1.53	30	
1,2-Dichlorobenzene	54		"	50.0		108	85-122		0.352	30	
1,2-Dichloroethane	43		"	50.0		86.1	71-133		0.770	30	
1,2-Dichloropropane	55		"	50.0		111	81-122		0.253	30	
1,3,5-Trimethylbenzene	56		"	50.0		111	82-126		0.216	30	
1,3-Dichlorobenzene	54		"	50.0		107	84-124		0.354	30	
1,4-Dichlorobenzene	54		"	50.0		107	84-124		1.52	30	
1,4-Dioxane	740		"	1050		70.3	10-228		1.43	30	
2-Butanone	40		"	50.0		80.1	58-147		9.49	30	
2-Hexanone	49		"	50.0		97.6	70-139		0.761	30	
4-Methyl-2-pentanone	51		"	50.0		102	72-132		2.72	30	
Acetone	31		"	50.0		61.7	36-155		0.774	30	
Acrolein	23		"	500		4.58	10-238	Low Bias	4.19	30	
Acrylonitrile	44		"	50.0		88.1	66-141		1.83	30	
Benzene	45		"	50.0		90.4	77-127		0.0442	30	
Bromochloromethane	47		"	50.0		93.3	74-129		0.645	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21428 - EPA 5035A											
LCS Dup (BD21428-BSD1)								Prepared & Analyzed: 04/24/2022			
Bromodichloromethane	52		ug/L	50.0		103	81-124		0.953	30	
Bromoform	50		"	50.0		99.2	80-136		0.445	30	
Bromomethane	38		"	50.0		75.8	32-177		1.67	30	
Carbon disulfide	47		"	50.0		94.9	10-136		0.777	30	
Carbon tetrachloride	45		"	50.0		89.2	66-143		0.878	30	
Chlorobenzene	53		"	50.0		105	86-120		1.36	30	
Chloroethane	37		"	50.0		73.1	51-142		1.30	30	
Chloroform	44		"	50.0		88.0	76-131		1.20	30	
Chloromethane	41		"	50.0		81.1	49-132		0.369	30	
cis-1,2-Dichloroethylene	46		"	50.0		91.4	74-132		0.483	30	
cis-1,3-Dichloropropylene	53		"	50.0		107	81-129		0.0187	30	
Cyclohexane	46		"	50.0		92.6	70-130		0.173	30	
Dibromochloromethane	48		"	50.0		96.8	10-200		1.05	30	
Dibromomethane	49		"	50.0		97.3	83-124		0.288	30	
Dichlorodifluoromethane	31		"	50.0		63.0	28-158		0.127	30	
Ethyl Benzene	52		"	50.0		104	84-125		0.573	30	
Hexachlorobutadiene	51		"	50.0		102	83-133		0.782	30	
Isopropylbenzene	57		"	50.0		115	81-127		0.347	30	
Methyl acetate	42		"	50.0		83.3	41-143		4.37	30	
Methyl tert-butyl ether (MTBE)	41		"	50.0		82.3	74-131		0.634	30	
Methylcyclohexane	51		"	50.0		102	70-130		0.686	30	
Methylene chloride	46		"	50.0		92.8	57-141		5.68	30	
n-Butylbenzene	56		"	50.0		112	80-130		0.711	30	
n-Propylbenzene	57		"	50.0		115	74-136		0.0524	30	
o-Xylene	53		"	50.0		105	83-123		0.681	30	
p- & m- Xylenes	100		"	100		104	82-128		1.09	30	
p-Isopropyltoluene	55		"	50.0		111	85-125		0.289	30	
sec-Butylbenzene	56		"	50.0		113	83-125		0.620	30	
Styrene	50		"	50.0		99.0	86-126		1.20	30	
tert-Butyl alcohol (TBA)	200		"	250		81.5	70-130		7.74	30	
tert-Butylbenzene	56		"	50.0		112	80-127		0.573	30	
Tetrachloroethylene	39		"	50.0		78.2	80-129	Low Bias	1.37	30	
Toluene	52		"	50.0		104	85-121		0.347	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.5	72-132		3.63	30	
trans-1,3-Dichloropropylene	52		"	50.0		105	78-132		0.380	30	
trans-1,4-dichloro-2-butene	56		"	50.0		112	75-135		1.39	30	
Trichloroethylene	52		"	50.0		103	84-123		0.388	30	
Trichlorofluoromethane	34		"	50.0		69.0	62-140		1.10	30	
Vinyl Chloride	34		"	50.0		67.6	52-130		0.649	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.9*		*"*	*50.0*		*93.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.2*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
Blank (BD21442-BLK1)											Prepared & Analyzed: 04/25/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
Blank (BD21442-BLK1)											Prepared & Analyzed: 04/25/2022
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	3.5	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*ug/L*	*50.0*		*93.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.9*		*"*	*50.0*		*110*	*76-130*				
Blank (BD21442-BLK2)											Prepared & Analyzed: 04/25/2022
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
Blank (BD21442-BLK2)											
Prepared & Analyzed: 04/25/2022											
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	290	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*ug/L*	*50.0*		*93.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.0*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.8*		*"*	*50.0*		*110*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

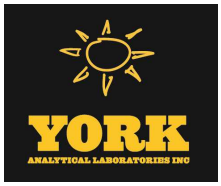
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
LCS (BD21442-BS1)								Prepared & Analyzed: 04/25/2022			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		91.0	75-129				
1,1,1-Trichloroethane	41		"	50.0		82.5	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.7	58-146				
1,1,2-Trichloroethane	46		"	50.0		92.9	83-123				
1,1-Dichloroethane	43		"	50.0		86.0	75-130				
1,1-Dichloroethylene	44		"	50.0		88.5	64-137				
1,2,3-Trichlorobenzene	46		"	50.0		92.1	81-140				
1,2,3-Trichloropropane	47		"	50.0		94.9	81-126				
1,2,4-Trichlorobenzene	47		"	50.0		94.0	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		95.2	74-142				
1,2-Dibromoethane	48		"	50.0		95.6	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.7	85-122				
1,2-Dichloroethane	41		"	50.0		81.8	71-133				
1,2-Dichloropropane	51		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.9	84-124				
1,4-Dichlorobenzene	50		"	50.0		99.7	84-124				
1,4-Dioxane	720		"	1050		68.2	10-228				
2-Butanone	38		"	50.0		75.6	58-147				
2-Hexanone	46		"	50.0		91.7	70-139				
4-Methyl-2-pentanone	49		"	50.0		98.6	72-132				
Acetone	28		"	50.0		56.6	36-155				
Acrolein	18		"	50.0		36.5	10-238				
Acrylonitrile	42		"	50.0		83.0	66-141				
Benzene	42		"	50.0		84.9	77-127				
Bromochloromethane	44		"	50.0		87.2	74-129				
Bromodichloromethane	48		"	50.0		95.5	81-124				
Bromoform	46		"	50.0		91.9	80-136				
Bromomethane	39		"	50.0		77.0	32-177				
Carbon disulfide	46		"	50.0		91.5	10-136				
Carbon tetrachloride	42		"	50.0		83.1	66-143				
Chlorobenzene	49		"	50.0		98.1	86-120				
Chloroethane	38		"	50.0		75.3	51-142				
Chloroform	42		"	50.0		83.9	76-131				
Chloromethane	44		"	50.0		88.6	49-132				
cis-1,2-Dichloroethylene	43		"	50.0		85.4	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.0	81-129				
Cyclohexane	47		"	50.0		94.8	70-130				
Dibromochloromethane	45		"	50.0		90.9	10-200				
Dibromomethane	45		"	50.0		91.0	83-124				
Dichlorodifluoromethane	38		"	50.0		75.1	28-158				
Ethyl Benzene	48		"	50.0		96.9	84-125				
Hexachlorobutadiene	47		"	50.0		94.5	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	41		"	50.0		81.2	41-143				
Methyl tert-butyl ether (MTBE)	42		"	50.0		83.8	74-131				
Methylcyclohexane	51		"	50.0		103	70-130				
Methylene chloride	41		"	50.0		81.9	57-141				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
LCS (BD21442-BS1)								Prepared & Analyzed: 04/25/2022			
n-Butylbenzene	52		ug/L	50.0		105	80-130				
n-Propylbenzene	53		"	50.0		105	74-136				
o-Xylene	49		"	50.0		97.9	83-123				
p- & m- Xylenes	97		"	100		97.0	82-128				
p-Isopropyltoluene	51		"	50.0		102	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	46		"	50.0		92.1	86-126				
tert-Butyl alcohol (TBA)	200		"	250		79.6	70-130				
tert-Butylbenzene	51		"	50.0		103	80-127				
Tetrachloroethylene	36		"	50.0		72.5	80-129	Low Bias			
Toluene	48		"	50.0		96.3	85-121				
trans-1,2-Dichloroethylene	52		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.6	78-132				
trans-1,4-dichloro-2-butene	51		"	50.0		102	75-135				
Trichloroethylene	48		"	50.0		95.2	84-123				
Trichlorofluoromethane	36		"	50.0		71.0	62-140				
Vinyl Chloride	35		"	50.0		70.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.3*		*"*	*50.0*		*94.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.9*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.0*		*"*	*50.0*		*108*	*76-130*				
LCS Dup (BD21442-BSD1)								Prepared & Analyzed: 04/25/2022			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		93.2	75-129		2.45	30	
1,1,1-Trichloroethane	42		"	50.0		83.6	71-137		1.35	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		0.529	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		101	58-146		11.2	30	
1,1,2-Trichloroethane	46		"	50.0		92.0	83-123		0.930	30	
1,1-Dichloroethane	44		"	50.0		87.1	75-130		1.32	30	
1,1-Dichloroethylene	50		"	50.0		99.3	64-137		11.5	30	
1,2,3-Trichlorobenzene	46		"	50.0		91.9	81-140		0.217	30	
1,2,3-Trichloropropane	49		"	50.0		98.1	81-126		3.34	30	
1,2,4-Trichlorobenzene	48		"	50.0		95.4	80-141		1.50	30	
1,2,4-Trimethylbenzene	52		"	50.0		103	84-125		1.09	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		98.7	74-142		3.63	30	
1,2-Dibromoethane	48		"	50.0		95.2	86-123		0.440	30	
1,2-Dichlorobenzene	50		"	50.0		100	85-122		0.600	30	
1,2-Dichloroethane	41		"	50.0		82.4	71-133		0.731	30	
1,2-Dichloropropane	52		"	50.0		105	81-122		2.16	30	
1,3,5-Trimethylbenzene	52		"	50.0		103	82-126		0.660	30	
1,3-Dichlorobenzene	50		"	50.0		99.5	84-124		0.605	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-124		0.340	30	
1,4-Dioxane	730		"	1050		69.5	10-228		1.89	30	
2-Butanone	37		"	50.0		74.6	58-147		1.30	30	
2-Hexanone	46		"	50.0		92.9	70-139		1.30	30	
4-Methyl-2-pentanone	50		"	50.0		100	72-132		1.75	30	
Acetone	31		"	50.0		61.6	36-155		8.46	30	
Acrolein	22		"	50.0		43.2	10-238		16.8	30	
Acrylonitrile	41		"	50.0		82.8	66-141		0.241	30	
Benzene	43		"	50.0		85.9	77-127		1.15	30	
Bromochloromethane	44		"	50.0		88.4	74-129		1.34	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
LCS Dup (BD21442-BSD1)								Prepared & Analyzed: 04/25/2022			
Bromodichloromethane	49		ug/L	50.0		97.1	81-124		1.62	30	
Bromoform	47		"	50.0		93.9	80-136		2.18	30	
Bromomethane	42		"	50.0		84.8	32-177		9.54	30	
Carbon disulfide	47		"	50.0		93.2	10-136		1.86	30	
Carbon tetrachloride	42		"	50.0		84.0	66-143		1.10	30	
Chlorobenzene	50		"	50.0		99.6	86-120		1.46	30	
Chloroethane	39		"	50.0		78.2	51-142		3.83	30	
Chloroform	42		"	50.0		84.0	76-131		0.214	30	
Chloromethane	43		"	50.0		86.7	49-132		2.24	30	
cis-1,2-Dichloroethylene	43		"	50.0		86.6	74-132		1.46	30	
cis-1,3-Dichloropropylene	50		"	50.0		101	81-129		1.60	30	
Cyclohexane	48		"	50.0		95.9	70-130		1.17	30	
Dibromochloromethane	46		"	50.0		92.0	10-200		1.18	30	
Dibromomethane	45		"	50.0		90.7	83-124		0.242	30	
Dichlorodifluoromethane	38		"	50.0		75.8	28-158		0.928	30	
Ethyl Benzene	49		"	50.0		97.8	84-125		0.966	30	
Hexachlorobutadiene	48		"	50.0		95.2	83-133		0.780	30	
Isopropylbenzene	54		"	50.0		107	81-127		1.35	30	
Methyl acetate	42		"	50.0		83.4	41-143		2.72	30	
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.1	74-131		1.54	30	
Methylcyclohexane	52		"	50.0		104	70-130		1.78	30	
Methylene chloride	42		"	50.0		83.8	57-141		2.29	30	
n-Butylbenzene	53		"	50.0		106	80-130		1.50	30	
n-Propylbenzene	53		"	50.0		106	74-136		0.777	30	
o-Xylene	50		"	50.0		99.1	83-123		1.16	30	
p- & m- Xylenes	98		"	100		97.8	82-128		0.822	30	
p-Isopropyltoluene	51		"	50.0		102	85-125		0.352	30	
sec-Butylbenzene	52		"	50.0		105	83-125		1.38	30	
Styrene	47		"	50.0		93.2	86-126		1.21	30	
tert-Butyl alcohol (TBA)	210		"	250		82.2	70-130		3.18	30	
tert-Butylbenzene	52		"	50.0		104	80-127		0.581	30	
Tetrachloroethylene	37		"	50.0		73.9	80-129	Low Bias	1.91	30	
Toluene	49		"	50.0		97.3	85-121		1.12	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.7	72-132		8.95	30	
trans-1,3-Dichloropropylene	49		"	50.0		98.9	78-132		0.324	30	
trans-1,4-dichloro-2-butene	52		"	50.0		103	75-135		1.38	30	
Trichloroethylene	49		"	50.0		97.2	84-123		2.08	30	
Trichlorofluoromethane	36		"	50.0		72.6	62-140		2.17	30	
Vinyl Chloride	36		"	50.0		71.4	52-130		0.675	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.9*		*"*	*50.0*		*93.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.9*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.7*		*"*	*50.0*		*107*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
Matrix Spike (BD21442-MS1)	*Source sample: 22D1017-47 (Matrix Spike)							Prepared & Analyzed: 04/25/2022			
1,1,1,2-Tetrachloroethane	38		ug/L	50.0	0.0	75.3	15-161				
1,1,1-Trichloroethane	33		"	50.0	0.0	66.0	42-145				
1,1,2,2-Tetrachloroethane	38		"	50.0	0.0	76.4	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36		"	50.0	0.0	71.8	11-160				
1,1,2-Trichloroethane	39		"	50.0	0.0	77.3	44-145				
1,1-Dichloroethane	36		"	50.0	0.0	72.2	46-142				
1,1-Dichloroethylene	36		"	50.0	0.0	72.8	30-153				
1,2,3-Trichlorobenzene	29		"	50.0	0.0	58.9	10-157				
1,2,3-Trichloropropane	39		"	50.0	0.0	77.3	38-155				
1,2,4-Trichlorobenzene	29		"	50.0	0.0	58.7	10-151				
1,2,4-Trimethylbenzene	39		"	50.0	0.0	78.3	10-170				
1,2-Dibromo-3-chloropropane	37		"	50.0	0.0	73.6	36-138				
1,2-Dibromoethane	38		"	50.0	0.0	75.7	40-142				
1,2-Dichlorobenzene	38		"	50.0	0.0	75.9	10-147				
1,2-Dichloroethane	34		"	50.0	0.0	68.4	48-133				
1,2-Dichloropropane	44		"	50.0	0.0	87.5	47-141				
1,3,5-Trimethylbenzene	39		"	50.0	0.0	79.0	10-150				
1,3-Dichlorobenzene	36		"	50.0	0.0	72.9	10-144				
1,4-Dichlorobenzene	37		"	50.0	0.0	73.0	10-160				
1,4-Dioxane	590		"	1050	0.0	56.6	10-191				
2-Butanone	28		"	50.0	0.0	56.1	10-189				
2-Hexanone	33		"	50.0	0.0	65.5	10-181				
4-Methyl-2-pentanone	38		"	50.0	0.0	75.3	10-166				
Acetone	24		"	50.0	0.0	48.8	10-196				
Acrolein	0.0		"	50.0	0.0		10-192	Low Bias			
Acrylonitrile	33		"	50.0	0.0	66.0	13-161				
Benzene	36		"	50.0	0.0	71.6	43-139				
Bromochloromethane	37		"	50.0	0.0	74.8	38-145				
Bromodichloromethane	41		"	50.0	0.0	81.2	38-147				
Bromoform	36		"	50.0	0.0	72.0	29-156				
Bromomethane	33		"	50.0	0.0	66.7	10-166				
Carbon disulfide	37		"	50.0	0.0	73.4	10-131				
Carbon tetrachloride	33		"	50.0	0.0	65.7	35-145				
Chlorobenzene	40		"	50.0	0.0	80.3	21-154				
Chloroethane	32		"	50.0	0.0	64.0	15-160				
Chloroform	36		"	50.0	0.0	71.7	47-142				
Chloromethane	36		"	50.0	0.0	72.5	10-159				
cis-1,2-Dichloroethylene	35		"	50.0	0.0	70.5	42-144				
cis-1,3-Dichloropropylene	39		"	50.0	0.0	78.0	18-159				
Cyclohexane	39		"	50.0	0.0	77.4	70-130				
Dibromochloromethane	37		"	50.0	0.0	74.4	10-179				
Dibromomethane	38		"	50.0	0.0	75.3	47-143				
Dichlorodifluoromethane	29		"	50.0	0.0	58.8	10-145				
Ethyl Benzene	39		"	50.0	0.0	78.2	11-158				
Hexachlorobutadiene	28		"	50.0	0.0	55.6	10-158				
Isopropylbenzene	42		"	50.0	0.0	84.7	10-162				
Methyl acetate	33		"	50.0	0.0	65.7	10-149				
Methyl tert-butyl ether (MTBE)	34		"	50.0	0.0	67.6	42-152				
Methylcyclohexane	39		"	50.0	0.0	78.5	70-130				
Methylene chloride	57		"	50.0	25	63.9	28-151				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
Matrix Spike (BD21442-MS1)	*Source sample: 22D1017-47 (Matrix Spike)							Prepared & Analyzed: 04/25/2022			
n-Butylbenzene	35		ug/L	50.0	0.0	70.3	10-162				
n-Propylbenzene	40		"	50.0	0.0	80.7	10-155				
o-Xylene	40		"	50.0	0.0	80.2	10-158				
p- & m- Xylenes	77		"	100	0.0	76.8	10-156				
p-Isopropyltoluene	37		"	50.0	0.0	73.5	10-147				
sec-Butylbenzene	39		"	50.0	0.0	77.8	10-157				
Styrene	36		"	50.0	0.0	72.2	13-171				
tert-Butyl alcohol (TBA)	140		"	250	0.0	57.0	34-179				
tert-Butylbenzene	41		"	50.0	0.0	81.4	10-160				
Tetrachloroethylene	29		"	50.0	0.0	58.3	30-167				
Toluene	40		"	50.0	0.0	79.5	21-160				
trans-1,2-Dichloroethylene	39		"	50.0	2.9	72.1	29-153				
trans-1,3-Dichloropropylene	37		"	50.0	0.0	73.3	18-155				
trans-1,4-dichloro-2-butene	39		"	50.0	0.0	78.4	17-154				
Trichloroethylene	42		"	50.0	0.0	83.4	24-169				
Trichlorofluoromethane	29		"	50.0	0.0	58.0	35-142				
Vinyl Chloride	30		"	50.0	0.0	59.1	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.0*		*"*	*50.0*		*108*	*76-130*				
Matrix Spike Dup (BD21442-MSD1)	*Source sample: 22D1017-47 (Matrix Spike Dup)							Prepared & Analyzed: 04/25/2022			
1,1,1,2-Tetrachloroethane	36		ug/L	50.0	0.0	72.2	15-161		4.23	33	
1,1,1-Trichloroethane	0.0		"	50.0	0.0		42-145	Low Bias		30	
1,1,2,2-Tetrachloroethane	11		"	50.0	0.0	21.4	16-167		112	56	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0		"	50.0	0.0		11-160	Low Bias		31	
1,1,2-Trichloroethane	36		"	50.0	0.0	72.4	44-145		6.52	40	
1,1-Dichloroethane	0.0		"	50.0	0.0		46-142	Low Bias		36	
1,1-Dichloroethylene	0.0		"	50.0	0.0		30-153	Low Bias		31	
1,2,3-Trichlorobenzene	29		"	50.0	0.0	58.3	10-157		1.06	47	
1,2,3-Trichloropropane	37		"	50.0	0.0	74.3	38-155		3.96	48	
1,2,4-Trichlorobenzene	28		"	50.0	0.0	56.8	10-151		3.22	52	
1,2,4-Trimethylbenzene	37		"	50.0	0.0	73.9	10-170		5.78	242	
1,2-Dibromo-3-chloropropane	34		"	50.0	0.0	68.3	36-138		7.52	54	
1,2-Dibromoethane	36		"	50.0	0.0	72.3	40-142		4.60	39	
1,2-Dichlorobenzene	36		"	50.0	0.0	71.8	10-147		5.52	52	
1,2-Dichloroethane	0.0		"	50.0	0.0		48-133	Low Bias		32	
1,2-Dichloropropane	42		"	50.0	0.0	83.6	47-141		4.56	37	
1,3,5-Trimethylbenzene	37		"	50.0	0.0	74.0	10-150		6.46	62	
1,3-Dichlorobenzene	35		"	50.0	0.0	69.2	10-144		5.15	51	
1,4-Dichlorobenzene	35		"	50.0	0.0	69.1	10-160		5.57	52	
1,4-Dioxane	540		"	1050	0.0	51.2	10-191		10.2	196	
2-Butanone	0.0		"	50.0	0.0		10-189	Low Bias		67	
2-Hexanone	32		"	50.0	0.0	63.3	10-181		3.45	60	
4-Methyl-2-pentanone	36		"	50.0	0.0	71.3	10-166		5.40	47	
Acetone	0.0		"	50.0	0.0		10-196	Low Bias		150	
Acrolein	0.0		"	50.0	0.0		10-192	Low Bias		128	
Acrylonitrile	0.0		"	50.0	0.0		13-161	Low Bias		48	
Benzene	0.0		"	50.0	0.0		43-139	Low Bias		64	
Bromochloromethane	0.0		"	50.0	0.0		38-145	Low Bias		30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21442 - EPA 5035A											
Matrix Spike Dup (BD21442-MSD1)	*Source sample: 22D1017-47 (Matrix Spike Dup)								Prepared & Analyzed: 04/25/2022		
Bromodichloromethane	38		ug/L	50.0	0.0	75.7	38-147		6.93	37	
Bromoform	34		"	50.0	0.0	68.1	29-156		5.57	51	
Bromomethane	0.0		"	50.0	0.0		10-166	Low Bias		42	
Carbon disulfide	0.0		"	50.0	0.0		10-131	Low Bias		36	
Carbon tetrachloride	0.0		"	50.0	0.0		35-145	Low Bias		31	
Chlorobenzene	38		"	50.0	0.0	75.2	21-154		6.54	32	
Chloroethane	0.0		"	50.0	0.0		15-160	Low Bias		40	
Chloroform	0.0		"	50.0	0.0		47-142	Low Bias		29	
Chloromethane	0.0		"	50.0	0.0		10-159	Low Bias		31	
cis-1,2-Dichloroethylene	0.0		"	50.0	0.0		42-144	Low Bias		30	
cis-1,3-Dichloropropylene	37		"	50.0	0.0	74.4	18-159		4.72	39	
Cyclohexane	0.0		"	50.0	0.0		70-130	Low Bias		30	
Dibromochloromethane	35		"	50.0	0.0	70.6	10-179		5.24	41	
Dibromomethane	36		"	50.0	0.0	71.4	47-143		5.23	41	
Dichlorodifluoromethane	0.0		"	50.0	0.0		10-145	Low Bias		34	
Ethyl Benzene	37		"	50.0	0.0	73.4	11-158		6.31	42	
Hexachlorobutadiene	28		"	50.0	0.0	55.4	10-158		0.432	45	
Isopropylbenzene	40		"	50.0	0.0	79.8	10-162		5.98	57	
Methyl acetate	0.0		"	50.0	0.0		10-149	Low Bias		64	
Methyl tert-butyl ether (MTBE)	0.0		"	50.0	0.0		42-152	Low Bias		47	
Methylcyclohexane	37		"	50.0	0.0	73.3	70-130		6.80	30	
Methylene chloride	0.0		"	50.0	25	NR	28-151	Low Bias	NR	49	Non-dir.
n-Butylbenzene	33		"	50.0	0.0	67.0	10-162		4.92	96	
n-Propylbenzene	38		"	50.0	0.0	75.7	10-155		6.34	56	
o-Xylene	38		"	50.0	0.0	75.4	10-158		6.27	51	
p- & m- Xylenes	72		"	100	0.0	72.4	10-156		5.95	47	
p-Isopropyltoluene	35		"	50.0	0.0	69.7	10-147		5.33	60	
sec-Butylbenzene	37		"	50.0	0.0	74.2	10-157		4.76	56	
Styrene	34		"	50.0	0.0	68.2	13-171		5.64	39	
tert-Butyl alcohol (TBA)	0.0		"	250	0.0		34-179	Low Bias		35	
tert-Butylbenzene	39		"	50.0	0.0	77.7	10-160		4.65	79	
Tetrachloroethylene	27		"	50.0	0.0	53.3	30-167		9.00	33	
Toluene	38		"	50.0	0.0	75.0	21-160		5.83	50	
trans-1,2-Dichloroethylene	0.0		"	50.0	2.9	NR	29-153	Low Bias	NR	30	Non-dir.
trans-1,3-Dichloropropylene	35		"	50.0	0.0	70.7	18-155		3.64	30	
trans-1,4-dichloro-2-butene	37		"	50.0	0.0	74.7	17-154		4.78	30	
Trichloroethylene	58		"	50.0	0.0	116	24-169		32.8	30	Non-dir.
Trichlorofluoromethane	0.0		"	50.0	0.0		35-142	Low Bias		30	
Vinyl Chloride	0.0		"	50.0	0.0		12-160	Low Bias		35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*0.00*		*"*	*50.0*			*77-125*				
Surrogate: SURR: Toluene-d8	*53.1*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.1*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
Blank (BD21534-BLK1)											Prepared & Analyzed: 04/26/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	7.2	10	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
Blank (BD21534-BLK1)											Prepared & Analyzed: 04/26/2022
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*ug/L*	*50.0*		*95.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.7*		*"*	*50.0*		*109*	*76-130*				
Blank (BD21534-BLK2)											Prepared & Analyzed: 04/26/2022
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
Blank (BD21534-BLK2)											Prepared & Analyzed: 04/26/2022
Bromochloromethane	ND	500	ug/kg wet								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	2700	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.5*		*ug/L*	*50.0*		*95.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.2*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.4*		*"*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
LCS (BD21534-BS1)								Prepared & Analyzed: 04/26/2022			
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.4	75-129				
1,1,1-Trichloroethane	41		"	50.0		82.3	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		89.7	58-146				
1,1,2-Trichloroethane	45		"	50.0		90.2	83-123				
1,1-Dichloroethane	42		"	50.0		84.5	75-130				
1,1-Dichloroethylene	45		"	50.0		89.3	64-137				
1,2,3-Trichlorobenzene	45		"	50.0		89.4	81-140				
1,2,3-Trichloropropane	47		"	50.0		94.1	81-126				
1,2,4-Trichlorobenzene	46		"	50.0		92.4	80-141				
1,2,4-Trimethylbenzene	50		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142				
1,2-Dibromoethane	46		"	50.0		92.6	86-123				
1,2-Dichlorobenzene	48		"	50.0		96.0	85-122				
1,2-Dichloroethane	40		"	50.0		79.2	71-133				
1,2-Dichloropropane	51		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		101	82-126				
1,3-Dichlorobenzene	49		"	50.0		97.4	84-124				
1,4-Dichlorobenzene	49		"	50.0		97.2	84-124				
1,4-Dioxane	730		"	1050		69.8	10-228				
2-Butanone	36		"	50.0		72.7	58-147				
2-Hexanone	46		"	50.0		92.8	70-139				
4-Methyl-2-pentanone	49		"	50.0		98.4	72-132				
Acetone	29		"	50.0		57.3	36-155				
Acrolein	20		"	500		4.00	10-238	Low Bias			
Acrylonitrile	41		"	50.0		82.3	66-141				
Benzene	42		"	50.0		83.3	77-127				
Bromochloromethane	43		"	50.0		85.3	74-129				
Bromodichloromethane	48		"	50.0		95.4	81-124				
Bromoform	46		"	50.0		92.7	80-136				
Bromomethane	39		"	50.0		77.2	32-177				
Carbon disulfide	46		"	50.0		91.9	10-136				
Carbon tetrachloride	42		"	50.0		84.6	66-143				
Chlorobenzene	48		"	50.0		96.0	86-120				
Chloroethane	37		"	50.0		74.7	51-142				
Chloroform	41		"	50.0		81.7	76-131				
Chloromethane	42		"	50.0		85.0	49-132				
cis-1,2-Dichloroethylene	42		"	50.0		84.9	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		98.4	81-129				
Cyclohexane	47		"	50.0		94.5	70-130				
Dibromochloromethane	45		"	50.0		90.1	10-200				
Dibromomethane	44		"	50.0		88.2	83-124				
Dichlorodifluoromethane	36		"	50.0		71.2	28-158				
Ethyl Benzene	48		"	50.0		96.9	84-125				
Hexachlorobutadiene	47		"	50.0		93.9	83-133				
Isopropylbenzene	52		"	50.0		105	81-127				
Methyl acetate	40		"	50.0		80.2	41-143				
Methyl tert-butyl ether (MTBE)	40		"	50.0		80.7	74-131				
Methylcyclohexane	52		"	50.0		103	70-130				
Methylene chloride	38		"	50.0		75.1	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
LCS (BD21534-BS1)								Prepared & Analyzed: 04/26/2022			
n-Butylbenzene	52		ug/L	50.0		104	80-130				
n-Propylbenzene	53		"	50.0		105	74-136				
o-Xylene	48		"	50.0		96.6	83-123				
p- & m- Xylenes	96		"	100		96.2	82-128				
p-Isopropyltoluene	51		"	50.0		102	85-125				
sec-Butylbenzene	52		"	50.0		103	83-125				
Styrene	46		"	50.0		91.2	86-126				
tert-Butyl alcohol (TBA)	200		"	250		79.2	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	36		"	50.0		72.9	80-129	Low Bias			
Toluene	48		"	50.0		96.3	85-121				
trans-1,2-Dichloroethylene	46		"	50.0		92.0	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.7	78-132				
trans-1,4-dichloro-2-butene	51		"	50.0		102	75-135				
Trichloroethylene	48		"	50.0		95.6	84-123				
Trichlorofluoromethane	35		"	50.0		70.7	62-140				
Vinyl Chloride	35		"	50.0		70.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.2*		*"*	*50.0*		*94.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.9*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.0*		*"*	*50.0*		*108*	*76-130*				
LCS Dup (BD21534-BSD1)								Prepared & Analyzed: 04/26/2022			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.5	75-129		2.16	30	
1,1,1-Trichloroethane	42		"	50.0		84.6	71-137		2.71	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		107	79-129		1.49	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.3	58-146		9.21	30	
1,1,2-Trichloroethane	47		"	50.0		93.8	83-123		3.87	30	
1,1-Dichloroethane	44		"	50.0		87.2	75-130		3.08	30	
1,1-Dichloroethylene	47		"	50.0		94.2	64-137		5.41	30	
1,2,3-Trichlorobenzene	46		"	50.0		92.3	81-140		3.19	30	
1,2,3-Trichloropropane	49		"	50.0		98.5	81-126		4.57	30	
1,2,4-Trichlorobenzene	48		"	50.0		95.6	80-141		3.34	30	
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125		2.72	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142		2.21	30	
1,2-Dibromoethane	48		"	50.0		95.1	86-123		2.75	30	
1,2-Dichlorobenzene	50		"	50.0		100	85-122		4.40	30	
1,2-Dichloroethane	41		"	50.0		81.1	71-133		2.32	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		4.25	30	
1,3,5-Trimethylbenzene	52		"	50.0		105	82-126		3.66	30	
1,3-Dichlorobenzene	50		"	50.0		99.7	84-124		2.29	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-124		3.10	30	
1,4-Dioxane	750		"	1050		71.0	10-228		1.79	30	
2-Butanone	35		"	50.0		69.9	58-147		3.81	30	
2-Hexanone	48		"	50.0		95.3	70-139		2.66	30	
4-Methyl-2-pentanone	51		"	50.0		102	72-132		3.83	30	
Acetone	30		"	50.0		59.4	36-155		3.60	30	
Acrolein	22		"	500		4.43	10-238	Low Bias	10.0	30	
Acrylonitrile	43		"	50.0		86.1	66-141		4.52	30	
Benzene	43		"	50.0		86.7	77-127		4.05	30	
Bromochloromethane	44		"	50.0		88.1	74-129		3.16	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
LCS Dup (BD21534-BSD1)								Prepared & Analyzed: 04/26/2022			
Bromodichloromethane	49		ug/L	50.0		98.2	81-124		2.89	30	
Bromoform	47		"	50.0		94.9	80-136		2.39	30	
Bromomethane	43		"	50.0		86.1	32-177		10.9	30	
Carbon disulfide	47		"	50.0		94.5	10-136		2.79	30	
Carbon tetrachloride	43		"	50.0		86.9	66-143		2.66	30	
Chlorobenzene	50		"	50.0		99.5	86-120		3.60	30	
Chloroethane	40		"	50.0		79.0	51-142		5.57	30	
Chloroform	42		"	50.0		84.6	76-131		3.54	30	
Chloromethane	43		"	50.0		85.8	49-132		0.914	30	
cis-1,2-Dichloroethylene	43		"	50.0		86.6	74-132		2.05	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129		4.06	30	
Cyclohexane	49		"	50.0		97.6	70-130		3.16	30	
Dibromochloromethane	47		"	50.0		93.4	10-200		3.62	30	
Dibromomethane	45		"	50.0		91.0	83-124		3.04	30	
Dichlorodifluoromethane	36		"	50.0		71.4	28-158		0.309	30	
Ethyl Benzene	50		"	50.0		99.0	84-125		2.23	30	
Hexachlorobutadiene	49		"	50.0		97.8	83-133		3.99	30	
Isopropylbenzene	55		"	50.0		109	81-127		3.92	30	
Methyl acetate	40		"	50.0		80.9	41-143		0.894	30	
Methyl tert-butyl ether (MTBE)	42		"	50.0		83.1	74-131		2.83	30	
Methylcyclohexane	53		"	50.0		107	70-130		3.22	30	
Methylene chloride	36		"	50.0		72.2	57-141		3.99	30	
n-Butylbenzene	54		"	50.0		107	80-130		3.39	30	
n-Propylbenzene	54		"	50.0		109	74-136		3.20	30	
o-Xylene	50		"	50.0		100	83-123		3.42	30	
p- & m- Xylenes	100		"	100		99.6	82-128		3.47	30	
p-Isopropyltoluene	52		"	50.0		105	85-125		2.59	30	
sec-Butylbenzene	53		"	50.0		106	83-125		3.17	30	
Styrene	47		"	50.0		94.3	86-126		3.30	30	
tert-Butyl alcohol (TBA)	200		"	250		81.7	70-130		3.12	30	
tert-Butylbenzene	53		"	50.0		106	80-127		4.00	30	
Tetrachloroethylene	38		"	50.0		75.5	80-129	Low Bias	3.61	30	
Toluene	50		"	50.0		99.7	85-121		3.43	30	
trans-1,2-Dichloroethylene	46		"	50.0		91.4	72-132		0.611	30	
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132		2.72	30	
trans-1,4-dichloro-2-butene	53		"	50.0		105	75-135		2.94	30	
Trichloroethylene	49		"	50.0		98.8	84-123		3.31	30	
Trichlorofluoromethane	37		"	50.0		73.4	62-140		3.75	30	
Vinyl Chloride	37		"	50.0		73.1	52-130		3.39	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.4*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
Matrix Spike (BD21534-MS1)	*Source sample: 22D1089-02 (Matrix Spike)							Prepared & Analyzed: 04/26/2022			
1,1,1,2-Tetrachloroethane	36		ug/L	50.0	0.0	71.3	15-161				
1,1,1-Trichloroethane	32		"	50.0	0.0	63.3	42-145				
1,1,2,2-Tetrachloroethane	39		"	50.0	0.0	78.6	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35		"	50.0	0.0	69.6	11-160				
1,1,2-Trichloroethane	37		"	50.0	0.0	73.6	44-145				
1,1-Dichloroethane	35		"	50.0	0.0	69.6	46-142				
1,1-Dichloroethylene	35		"	50.0	0.0	70.5	30-153				
1,2,3-Trichlorobenzene	24		"	50.0	0.0	47.1	10-157				
1,2,3-Trichloropropane	36		"	50.0	0.0	72.6	38-155				
1,2,4-Trichlorobenzene	23		"	50.0	0.0	46.5	10-151				
1,2,4-Trimethylbenzene	36		"	50.0	0.0	72.3	10-170				
1,2-Dibromo-3-chloropropane	34		"	50.0	0.0	67.9	36-138				
1,2-Dibromoethane	36		"	50.0	0.0	71.5	40-142				
1,2-Dichlorobenzene	33		"	50.0	0.0	66.1	10-147				
1,2-Dichloroethane	32		"	50.0	0.0	63.7	48-133				
1,2-Dichloropropane	43		"	50.0	0.0	85.7	47-141				
1,3,5-Trimethylbenzene	37		"	50.0	0.0	73.9	10-150				
1,3-Dichlorobenzene	32		"	50.0	0.0	64.3	10-144				
1,4-Dichlorobenzene	32		"	50.0	0.0	63.9	10-160				
1,4-Dioxane	590		"	1050	0.0	56.3	10-191				
2-Butanone	25		"	50.0	0.0	49.2	10-189				
2-Hexanone	28		"	50.0	0.0	55.9	10-181				
4-Methyl-2-pentanone	35		"	50.0	0.0	70.3	10-166				
Acetone	18		"	50.0	0.0	36.9	10-196				
Acrolein	0.0		"	500	0.0		10-192	Low Bias			
Acrylonitrile	27		"	50.0	0.0	53.2	13-161				
Benzene	34		"	50.0	0.0	68.1	43-139				
Bromochloromethane	36		"	50.0	0.0	71.3	38-145				
Bromodichloromethane	39		"	50.0	0.0	77.6	38-147				
Bromoform	34		"	50.0	0.0	67.8	29-156				
Bromomethane	27		"	50.0	0.0	54.1	10-166				
Carbon disulfide	36		"	50.0	0.0	71.5	10-131				
Carbon tetrachloride	32		"	50.0	0.0	64.4	35-145				
Chlorobenzene	37		"	50.0	0.0	74.7	21-154				
Chloroethane	26		"	50.0	0.0	52.4	15-160				
Chloroform	33		"	50.0	0.0	66.7	47-142				
Chloromethane	30		"	50.0	0.0	60.9	10-159				
cis-1,2-Dichloroethylene	34		"	50.0	0.0	67.9	42-144				
cis-1,3-Dichloropropylene	37		"	50.0	0.0	74.3	18-159				
Cyclohexane	38		"	50.0	0.0	76.2	70-130				
Dibromochloromethane	36		"	50.0	0.0	71.5	10-179				
Dibromomethane	35		"	50.0	0.0	70.8	47-143				
Dichlorodifluoromethane	24		"	50.0	0.0	48.0	10-145				
Ethyl Benzene	38		"	50.0	0.0	75.1	11-158				
Hexachlorobutadiene	26		"	50.0	0.0	52.2	10-158				
Isopropylbenzene	40		"	50.0	0.0	80.9	10-162				
Methyl acetate	31		"	50.0	0.0	61.9	10-149				
Methyl tert-butyl ether (MTBE)	31		"	50.0	0.0	63.0	42-152				
Methylcyclohexane	39		"	50.0	0.0	78.9	70-130				
Methylene chloride	54		"	50.0	15	77.8	28-151				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
Matrix Spike (BD21534-MS1)	*Source sample: 22D1089-02 (Matrix Spike)							Prepared & Analyzed: 04/26/2022			
n-Butylbenzene	33		ug/L	50.0	0.0	65.3	10-162				
n-Propylbenzene	38		"	50.0	0.0	76.1	10-155				
o-Xylene	38		"	50.0	0.0	75.9	10-158				
p- & m- Xylenes	74		"	100	0.0	73.7	10-156				
p-Isopropyltoluene	35		"	50.0	0.0	69.3	10-147				
sec-Butylbenzene	37		"	50.0	0.0	74.1	10-157				
Styrene	31		"	50.0	0.0	62.2	13-171				
tert-Butyl alcohol (TBA)	140		"	250	0.0	54.9	34-179				
tert-Butylbenzene	39		"	50.0	0.0	77.6	10-160				
Tetrachloroethylene	28		"	50.0	0.0	55.9	30-167				
Toluene	39		"	50.0	0.0	77.4	21-160				
trans-1,2-Dichloroethylene	35		"	50.0	0.0	70.7	29-153				
trans-1,3-Dichloropropylene	35		"	50.0	0.0	69.8	18-155				
trans-1,4-dichloro-2-butene	37		"	50.0	0.0	74.8	17-154				
Trichloroethylene	38		"	50.0	0.0	75.8	24-169				
Trichlorofluoromethane	24		"	50.0	0.0	48.9	35-142				
Vinyl Chloride	25		"	50.0	0.0	49.7	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.7*		*"*	*50.0*		*91.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.3*		*"*	*50.0*		*107*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.3*		*"*	*50.0*		*111*	*76-130*				
Matrix Spike Dup (BD21534-MSD1)	*Source sample: 22D1089-02 (Matrix Spike Dup)							Prepared & Analyzed: 04/26/2022			
1,1,1,2-Tetrachloroethane	35		ug/L	50.0	0.0	70.4	15-161		1.21	33	
1,1,1-Trichloroethane	30		"	50.0	0.0	60.6	42-145		4.36	30	
1,1,2,2-Tetrachloroethane	38		"	50.0	0.0	75.1	16-167		4.63	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35		"	50.0	0.0	69.4	11-160		0.345	31	
1,1,2-Trichloroethane	35		"	50.0	0.0	70.7	44-145		4.10	40	
1,1-Dichloroethane	32		"	50.0	0.0	64.0	46-142		8.36	36	
1,1-Dichloroethylene	35		"	50.0	0.0	70.7	30-153		0.283	31	
1,2,3-Trichlorobenzene	20		"	50.0	0.0	40.1	10-157		16.2	47	
1,2,3-Trichloropropane	35		"	50.0	0.0	70.4	38-155		3.05	48	
1,2,4-Trichlorobenzene	21		"	50.0	0.0	41.9	10-151		10.2	52	
1,2,4-Trimethylbenzene	35		"	50.0	0.0	69.1	10-170		4.47	242	
1,2-Dibromo-3-chloropropane	32		"	50.0	0.0	64.9	36-138		4.46	54	
1,2-Dibromoethane	34		"	50.0	0.0	68.8	40-142		3.88	39	
1,2-Dichlorobenzene	31		"	50.0	0.0	61.8	10-147		6.76	52	
1,2-Dichloroethane	30		"	50.0	0.0	60.4	48-133		5.35	32	
1,2-Dichloropropane	41		"	50.0	0.0	81.8	47-141		4.58	37	
1,3,5-Trimethylbenzene	35		"	50.0	0.0	70.2	10-150		5.17	62	
1,3-Dichlorobenzene	30		"	50.0	0.0	61.0	10-144		5.30	51	
1,4-Dichlorobenzene	30		"	50.0	0.0	60.7	10-160		5.26	52	
1,4-Dioxane	570		"	1050	0.0	54.7	10-191		2.87	196	
2-Butanone	23		"	50.0	0.0	46.1	10-189		6.46	67	
2-Hexanone	23		"	50.0	0.0	47.0	10-181		17.4	60	
4-Methyl-2-pentanone	32		"	50.0	0.0	64.6	10-166		8.51	47	
Acetone	19		"	50.0	0.0	37.6	10-196		1.83	150	
Acrolein	0.0		"	500	0.0		10-192	Low Bias		128	
Acrylonitrile	23		"	50.0	0.0	45.9	13-161		14.7	48	
Benzene	32		"	50.0	0.0	63.2	43-139		7.43	64	
Bromochloromethane	33		"	50.0	0.0	66.0	38-145		7.72	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21534 - EPA 5035A											
Matrix Spike Dup (BD21534-MSD1)	*Source sample: 22D1089-02 (Matrix Spike Dup)								Prepared & Analyzed: 04/26/2022		
Bromodichloromethane	38		ug/L	50.0	0.0	75.3	38-147		3.06	37	
Bromoform	33		"	50.0	0.0	65.5	29-156		3.36	51	
Bromomethane	29		"	50.0	0.0	58.2	10-166		7.19	42	
Carbon disulfide	36		"	50.0	0.0	71.0	10-131		0.674	36	
Carbon tetrachloride	30		"	50.0	0.0	60.3	35-145		6.48	31	
Chlorobenzene	37		"	50.0	0.0	73.8	21-154		1.21	32	
Chloroethane	28		"	50.0	0.0	56.1	15-160		6.75	40	
Chloroform	31		"	50.0	0.0	62.1	47-142		7.12	29	
Chloromethane	33		"	50.0	0.0	66.2	10-159		8.41	31	
cis-1,2-Dichloroethylene	31		"	50.0	0.0	62.6	42-144		8.03	30	
cis-1,3-Dichloropropylene	36		"	50.0	0.0	71.6	18-159		3.62	39	
Cyclohexane	34		"	50.0	0.0	67.7	70-130	Low Bias	11.9	30	
Dibromochloromethane	34		"	50.0	0.0	68.2	10-179		4.81	41	
Dibromomethane	35		"	50.0	0.0	69.4	47-143		1.97	41	
Dichlorodifluoromethane	25		"	50.0	0.0	50.7	10-145		5.43	34	
Ethyl Benzene	37		"	50.0	0.0	74.2	11-158		1.21	42	
Hexachlorobutadiene	23		"	50.0	0.0	46.2	10-158		12.2	45	
Isopropylbenzene	40		"	50.0	0.0	79.5	10-162		1.82	57	
Methyl acetate	30		"	50.0	0.0	60.0	10-149		3.18	64	
Methyl tert-butyl ether (MTBE)	31		"	50.0	0.0	61.6	42-152		2.28	47	
Methylcyclohexane	37		"	50.0	0.0	73.7	70-130		6.79	30	
Methylene chloride	58		"	50.0	15	86.7	28-151		10.9	49	
n-Butylbenzene	32		"	50.0	0.0	63.1	10-162		3.46	96	
n-Propylbenzene	36		"	50.0	0.0	72.7	10-155		4.57	56	
o-Xylene	36		"	50.0	0.0	72.3	10-158		4.94	51	
p- & m- Xylenes	71		"	100	0.0	70.8	10-156		3.93	47	
p-Isopropyltoluene	33		"	50.0	0.0	66.2	10-147		4.55	60	
sec-Butylbenzene	35		"	50.0	0.0	69.6	10-157		6.29	56	
Styrene	27		"	50.0	0.0	54.5	13-171		13.2	39	
tert-Butyl alcohol (TBA)	140		"	250	0.0	55.4	34-179		0.877	35	
tert-Butylbenzene	36		"	50.0	0.0	72.9	10-160		6.25	79	
Tetrachloroethylene	27		"	50.0	0.0	53.5	30-167		4.35	33	
Toluene	37		"	50.0	0.0	74.3	21-160		3.98	50	
trans-1,2-Dichloroethylene	34		"	50.0	0.0	67.2	29-153		5.05	30	
trans-1,3-Dichloropropylene	35		"	50.0	0.0	69.4	18-155		0.604	30	
trans-1,4-dichloro-2-butene	35		"	50.0	0.0	69.8	17-154		6.86	30	
Trichloroethylene	37		"	50.0	0.0	73.5	24-169		3.00	30	
Trichlorofluoromethane	26		"	50.0	0.0	51.7	35-142		5.65	30	
Vinyl Chloride	26		"	50.0	0.0	52.3	12-160		5.18	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.4*		*"*	*50.0*		*88.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.2*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*58.2*		*"*	*50.0*		*116*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21609 - EPA 5035A											
Blank (BD21609-BLK1)											Prepared & Analyzed: 04/27/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21609 - EPA 5035A											
Blank (BD21609-BLK1)											Prepared & Analyzed: 04/27/2022
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*ug/L*	*50.0*		*96.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*76-130*				
Blank (BD21609-BLK2)											Prepared & Analyzed: 04/27/2022
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21609 - EPA 5035A											
Blank (BD21609-BLK2)									Prepared & Analyzed: 04/27/2022		
Acrylonitrile	ND	500	ug/kg wet								
Benzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21609 - EPA 5035A											
LCS (BD21609-BS1)								Prepared & Analyzed: 04/27/2022			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	44		"	50.0		88.6	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.3	58-146				
1,1,2-Trichloroethane	49		"	50.0		97.9	83-123				
1,1-Dichloroethane	44		"	50.0		88.1	75-130				
1,1-Dichloroethylene	43		"	50.0		86.7	64-137				
1,2,3-Trichlorobenzene	51		"	50.0		103	81-140				
1,2,3-Trichloropropane	50		"	50.0		99.7	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	52		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	41		"	50.0		82.1	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	51		"	50.0		102	85-122				
1,2-Dichloroethane	43		"	50.0		86.7	71-133				
1,2-Dichloropropane	50		"	50.0		100	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		103	82-126				
1,3-Dichlorobenzene	52		"	50.0		104	84-124				
1,4-Dichlorobenzene	53		"	50.0		106	84-124				
1,4-Dioxane	1000		"	1050		100	10-228				
2-Butanone	45		"	50.0		90.3	58-147				
2-Hexanone	43		"	50.0		85.5	70-139				
4-Methyl-2-pentanone	46		"	50.0		91.0	72-132				
Acetone	32		"	50.0		63.9	36-155				
Acrolein	27		"	500		5.43	10-238	Low Bias			
Acrylonitrile	44		"	50.0		87.7	66-141				
Benzene	46		"	50.0		91.8	77-127				
Bromochloromethane	44		"	50.0		87.2	74-129				
Bromodichloromethane	49		"	50.0		97.4	81-124				
Bromoform	43		"	50.0		86.9	80-136				
Bromomethane	54		"	50.0		108	32-177				
Carbon disulfide	47		"	50.0		93.2	10-136				
Carbon tetrachloride	45		"	50.0		89.8	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	52		"	50.0		105	51-142				
Chloroform	45		"	50.0		89.0	76-131				
Chloromethane	52		"	50.0		103	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		89.3	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		92.2	81-129				
Cyclohexane	50		"	50.0		101	70-130				
Dibromochloromethane	43		"	50.0		86.0	10-200				
Dibromomethane	48		"	50.0		96.0	83-124				
Dichlorodifluoromethane	56		"	50.0		113	28-158				
Ethyl Benzene	51		"	50.0		102	84-125				
Hexachlorobutadiene	49		"	50.0		98.2	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	45		"	50.0		90.5	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.8	74-131				
Methylcyclohexane	53		"	50.0		107	70-130				
Methylene chloride	46		"	50.0		91.3	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21609 - EPA 5035A											
LCS (BD21609-BS1)								Prepared & Analyzed: 04/27/2022			
n-Butylbenzene	53		ug/L	50.0		106	80-130				
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	53		"	50.0		106	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	52		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	230		"	250		90.9	70-130				
tert-Butylbenzene	52		"	50.0		104	80-127				
Tetrachloroethylene	40		"	50.0		79.4	80-129	Low Bias			
Toluene	50		"	50.0		99.6	85-121				
trans-1,2-Dichloroethylene	44		"	50.0		87.8	72-132				
trans-1,3-Dichloropropylene	44		"	50.0		88.9	78-132				
trans-1,4-dichloro-2-butene	50		"	50.0		100	75-135				
Trichloroethylene	48		"	50.0		96.5	84-123				
Trichlorofluoromethane	49		"	50.0		97.2	62-140				
Vinyl Chloride	54		"	50.0		107	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*"*	*50.0*		*96.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*76-130*				
LCS Dup (BD21609-BSD1)								Prepared & Analyzed: 04/27/2022			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		0.0199	30	
1,1,1-Trichloroethane	45		"	50.0		90.2	71-137		1.77	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129		1.18	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0		80.5	58-146		13.7	30	
1,1,2-Trichloroethane	49		"	50.0		97.5	83-123		0.430	30	
1,1-Dichloroethane	44		"	50.0		88.4	75-130		0.385	30	
1,1-Dichloroethylene	39		"	50.0		77.9	64-137		10.6	30	
1,2,3-Trichlorobenzene	52		"	50.0		105	81-140		1.87	30	
1,2,3-Trichloropropane	50		"	50.0		101	81-126		0.978	30	
1,2,4-Trichlorobenzene	51		"	50.0		103	80-141		0.802	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125		1.01	30	
1,2-Dibromo-3-chloropropane	43		"	50.0		85.7	74-142		4.29	30	
1,2-Dibromoethane	52		"	50.0		103	86-123		0.857	30	
1,2-Dichlorobenzene	52		"	50.0		103	85-122		1.23	30	
1,2-Dichloroethane	44		"	50.0		88.5	71-133		2.03	30	
1,2-Dichloropropane	50		"	50.0		99.8	81-122		0.320	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		0.329	30	
1,3-Dichlorobenzene	52		"	50.0		105	84-124		1.03	30	
1,4-Dichlorobenzene	53		"	50.0		106	84-124		0.132	30	
1,4-Dioxane	1100		"	1050		102	10-228		2.17	30	
2-Butanone	45		"	50.0		90.2	58-147		0.111	30	
2-Hexanone	43		"	50.0		86.2	70-139		0.792	30	
4-Methyl-2-pentanone	46		"	50.0		92.7	72-132		1.83	30	
Acetone	34		"	50.0		67.1	36-155		4.88	30	
Acrolein	23		"	500		4.56	10-238	Low Bias	17.4	30	
Acrylonitrile	45		"	50.0		89.4	66-141		1.92	30	
Benzene	46		"	50.0		92.4	77-127		0.565	30	
Bromochloromethane	44		"	50.0		88.3	74-129		1.23	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21609 - EPA 5035A											
LCS Dup (BD21609-BSD1)								Prepared & Analyzed: 04/27/2022			
Bromodichloromethane	49		ug/L	50.0		97.3	81-124		0.103	30	
Bromoform	44		"	50.0		87.4	80-136		0.596	30	
Bromomethane	55		"	50.0		110	32-177		1.25	30	
Carbon disulfide	47		"	50.0		93.9	10-136		0.812	30	
Carbon tetrachloride	45		"	50.0		90.3	66-143		0.600	30	
Chlorobenzene	52		"	50.0		104	86-120		0.290	30	
Chloroethane	53		"	50.0		106	51-142		1.61	30	
Chloroform	45		"	50.0		90.9	76-131		2.05	30	
Chloromethane	50		"	50.0		101	49-132		2.04	30	
cis-1,2-Dichloroethylene	45		"	50.0		90.0	74-132		0.736	30	
cis-1,3-Dichloropropylene	46		"	50.0		91.9	81-129		0.282	30	
Cyclohexane	50		"	50.0		101	70-130		0.119	30	
Dibromochloromethane	44		"	50.0		87.0	10-200		1.16	30	
Dibromomethane	48		"	50.0		96.3	83-124		0.333	30	
Dichlorodifluoromethane	56		"	50.0		111	28-158		1.47	30	
Ethyl Benzene	51		"	50.0		103	84-125		0.332	30	
Hexachlorobutadiene	50		"	50.0		99.8	83-133		1.60	30	
Isopropylbenzene	53		"	50.0		107	81-127		0.282	30	
Methyl acetate	45		"	50.0		90.1	41-143		0.509	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.1	74-131		1.33	30	
Methylcyclohexane	53		"	50.0		106	70-130		0.207	30	
Methylene chloride	45		"	50.0		89.5	57-141		2.06	30	
n-Butylbenzene	54		"	50.0		107	80-130		0.845	30	
n-Propylbenzene	52		"	50.0		104	74-136		0.346	30	
o-Xylene	54		"	50.0		107	83-123		0.919	30	
p- & m- Xylenes	110		"	100		106	82-128		0.246	30	
p-Isopropyltoluene	54		"	50.0		107	85-125		1.15	30	
sec-Butylbenzene	52		"	50.0		105	83-125		0.747	30	
Styrene	52		"	50.0		103	86-126		0.135	30	
tert-Butyl alcohol (TBA)	240		"	250		96.7	70-130		6.13	30	
tert-Butylbenzene	52		"	50.0		105	80-127		0.940	30	
Tetrachloroethylene	40		"	50.0		79.6	80-129	Low Bias	0.226	30	
Toluene	50		"	50.0		99.2	85-121		0.443	30	
trans-1,2-Dichloroethylene	45		"	50.0		89.3	72-132		1.76	30	
trans-1,3-Dichloropropylene	44		"	50.0		88.9	78-132		0.0225	30	
trans-1,4-dichloro-2-butene	50		"	50.0		101	75-135		0.437	30	
Trichloroethylene	49		"	50.0		97.2	84-123		0.640	30	
Trichlorofluoromethane	49		"	50.0		98.6	62-140		1.49	30	
Vinyl Chloride	54		"	50.0		108	52-130		0.484	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21680 - EPA 5035A											
Blank (BD21680-BLK1)											Prepared & Analyzed: 04/28/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21680 - EPA 5035A											
Blank (BD21680-BLK1)											Prepared & Analyzed: 04/28/2022
Methylene chloride	5.7	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				
Blank (BD21680-BLK2)											Prepared & Analyzed: 04/28/2022
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21680 - EPA 5035A											
Blank (BD21680-BLK2)									Prepared & Analyzed: 04/28/2022		
Acrylonitrile	ND	500	ug/kg wet								
Benzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	870	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21680 - EPA 5035A											
LCS (BD21680-BS1)								Prepared & Analyzed: 04/28/2022			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		99.6	75-129				
1,1,1-Trichloroethane	45		"	50.0		90.0	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.0	58-146				
1,1,2-Trichloroethane	48		"	50.0		95.0	83-123				
1,1-Dichloroethane	44		"	50.0		88.0	75-130				
1,1-Dichloroethylene	44		"	50.0		88.4	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		101	81-140				
1,2,3-Trichloropropane	50		"	50.0		99.9	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.2	80-141				
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	42		"	50.0		83.5	74-142				
1,2-Dibromoethane	50		"	50.0		100	86-123				
1,2-Dichlorobenzene	51		"	50.0		102	85-122				
1,2-Dichloroethane	44		"	50.0		88.8	71-133				
1,2-Dichloropropane	49		"	50.0		98.6	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126				
1,3-Dichlorobenzene	52		"	50.0		104	84-124				
1,4-Dichlorobenzene	53		"	50.0		106	84-124				
1,4-Dioxane	1100		"	1050		101	10-228				
2-Butanone	42		"	50.0		83.1	58-147				
2-Hexanone	42		"	50.0		84.8	70-139				
4-Methyl-2-pentanone	45		"	50.0		89.6	72-132				
Acetone	34		"	50.0		69.0	36-155				
Acrolein	28		"	500		5.60	10-238	Low Bias			
Acrylonitrile	45		"	50.0		90.3	66-141				
Benzene	46		"	50.0		91.4	77-127				
Bromochloromethane	44		"	50.0		87.6	74-129				
Bromodichloromethane	49		"	50.0		97.7	81-124				
Bromoform	44		"	50.0		87.6	80-136				
Bromomethane	55		"	50.0		111	32-177				
Carbon disulfide	47		"	50.0		93.2	10-136				
Carbon tetrachloride	46		"	50.0		91.2	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	53		"	50.0		107	51-142				
Chloroform	45		"	50.0		90.1	76-131				
Chloromethane	49		"	50.0		98.5	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		89.4	74-132				
cis-1,3-Dichloropropylene	45		"	50.0		90.9	81-129				
Cyclohexane	50		"	50.0		99.6	70-130				
Dibromochloromethane	43		"	50.0		85.6	10-200				
Dibromomethane	48		"	50.0		95.3	83-124				
Dichlorodifluoromethane	51		"	50.0		103	28-158				
Ethyl Benzene	51		"	50.0		103	84-125				
Hexachlorobutadiene	49		"	50.0		97.5	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	44		"	50.0		88.4	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.2	74-131				
Methylcyclohexane	53		"	50.0		106	70-130				
Methylene chloride	44		"	50.0		88.2	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21680 - EPA 5035A											
LCS (BD21680-BS1)							Prepared & Analyzed: 04/28/2022				
n-Butylbenzene	53		ug/L	50.0		106	80-130				
n-Propylbenzene	52		"	50.0		103	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	53		"	50.0		106	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	51		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	230		"	250		92.2	70-130				
tert-Butylbenzene	52		"	50.0		104	80-127				
Tetrachloroethylene	40		"	50.0		80.1	80-129				
Toluene	50		"	50.0		99.3	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		89.4	72-132				
trans-1,3-Dichloropropylene	44		"	50.0		87.9	78-132				
trans-1,4-dichloro-2-butene	49		"	50.0		98.6	75-135				
Trichloroethylene	48		"	50.0		96.6	84-123				
Trichlorofluoromethane	50		"	50.0		99.5	62-140				
Vinyl Chloride	52		"	50.0		104	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.7*	*76-130*				
LCS Dup (BD21680-BSD1)							Prepared & Analyzed: 04/28/2022				
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		0.661	30	
1,1,1-Trichloroethane	46		"	50.0		91.2	71-137		1.39	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		101	79-129		0.689	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		86.2	58-146		6.51	30	
1,1,2-Trichloroethane	48		"	50.0		96.6	83-123		1.65	30	
1,1-Dichloroethane	44		"	50.0		88.4	75-130		0.522	30	
1,1-Dichloroethylene	44		"	50.0		87.7	64-137		0.818	30	
1,2,3-Trichlorobenzene	51		"	50.0		103	81-140		2.28	30	
1,2,3-Trichloropropane	51		"	50.0		101	81-126		1.31	30	
1,2,4-Trichlorobenzene	50		"	50.0		99.9	80-141		0.703	30	
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125		0.896	30	
1,2-Dibromo-3-chloropropane	42		"	50.0		84.1	74-142		0.716	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		1.89	30	
1,2-Dichlorobenzene	51		"	50.0		103	85-122		0.469	30	
1,2-Dichloroethane	45		"	50.0		89.1	71-133		0.360	30	
1,2-Dichloropropane	50		"	50.0		99.4	81-122		0.828	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		1.28	30	
1,3-Dichlorobenzene	52		"	50.0		104	84-124		0.0384	30	
1,4-Dichlorobenzene	53		"	50.0		106	84-124		0.227	30	
1,4-Dioxane	1000		"	1050		99.9	10-228		1.05	30	
2-Butanone	45		"	50.0		90.3	58-147		8.26	30	
2-Hexanone	42		"	50.0		85.0	70-139		0.188	30	
4-Methyl-2-pentanone	46		"	50.0		91.1	72-132		1.62	30	
Acetone	34		"	50.0		68.4	36-155		0.903	30	
Acrolein	25		"	500		5.03	10-238	Low Bias	10.7	30	
Acrylonitrile	45		"	50.0		89.5	66-141		0.912	30	
Benzene	46		"	50.0		92.3	77-127		1.02	30	
Bromochloromethane	44		"	50.0		88.4	74-129		0.841	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21680 - EPA 5035A											
LCS Dup (BD21680-BSD1)							Prepared & Analyzed: 04/28/2022				
Bromodichloromethane	49		ug/L	50.0		98.0	81-124		0.245	30	
Bromoform	44		"	50.0		87.9	80-136		0.410	30	
Bromomethane	56		"	50.0		112	32-177		1.47	30	
Carbon disulfide	47		"	50.0		93.2	10-136		0.0429	30	
Carbon tetrachloride	46		"	50.0		91.3	66-143		0.0877	30	
Chlorobenzene	52		"	50.0		103	86-120		0.0387	30	
Chloroethane	52		"	50.0		104	51-142		2.84	30	
Chloroform	46		"	50.0		91.3	76-131		1.32	30	
Chloromethane	48		"	50.0		95.3	49-132		3.30	30	
cis-1,2-Dichloroethylene	45		"	50.0		89.9	74-132		0.602	30	
cis-1,3-Dichloropropylene	46		"	50.0		91.3	81-129		0.505	30	
Cyclohexane	50		"	50.0		100	70-130		0.421	30	
Dibromochloromethane	44		"	50.0		87.6	10-200		2.22	30	
Dibromomethane	48		"	50.0		96.7	83-124		1.50	30	
Dichlorodifluoromethane	50		"	50.0		99.3	28-158		3.33	30	
Ethyl Benzene	51		"	50.0		103	84-125		0.0584	30	
Hexachlorobutadiene	50		"	50.0		100	83-133		2.55	30	
Isopropylbenzene	53		"	50.0		106	81-127		0.490	30	
Methyl acetate	46		"	50.0		91.2	41-143		3.10	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.3	74-131		1.12	30	
Methylcyclohexane	53		"	50.0		106	70-130		0.414	30	
Methylene chloride	46		"	50.0		91.2	57-141		3.32	30	
n-Butylbenzene	53		"	50.0		106	80-130		0.0943	30	
n-Propylbenzene	52		"	50.0		103	74-136		0.310	30	
o-Xylene	53		"	50.0		107	83-123		0.563	30	
p- & m- Xylenes	110		"	100		106	82-128		0.463	30	
p-Isopropyltoluene	53		"	50.0		106	85-125		0.830	30	
sec-Butylbenzene	52		"	50.0		105	83-125		1.04	30	
Styrene	52		"	50.0		104	86-126		1.01	30	
tert-Butyl alcohol (TBA)	240		"	250		95.2	70-130		3.21	30	
tert-Butylbenzene	52		"	50.0		104	80-127		0.731	30	
Tetrachloroethylene	40		"	50.0		80.3	80-129		0.224	30	
Toluene	50		"	50.0		99.4	85-121		0.0805	30	
trans-1,2-Dichloroethylene	45		"	50.0		89.0	72-132		0.381	30	
trans-1,3-Dichloropropylene	45		"	50.0		89.2	78-132		1.38	30	
trans-1,4-dichloro-2-butene	50		"	50.0		99.9	75-135		1.33	30	
Trichloroethylene	49		"	50.0		97.0	84-123		0.392	30	
Trichlorofluoromethane	49		"	50.0		98.8	62-140		0.726	30	
Vinyl Chloride	52		"	50.0		103	52-130		1.04	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21768 - EPA 5030B/1311											
Blank (BD21768-BLK1)								Prepared & Analyzed: 04/29/2022			
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.6*		*"*	*50.0*		*93.1*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*44.0*		*"*	*50.0*		*88.0*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.5*	*85-120*				
LCS (BD21768-BS1)								Prepared & Analyzed: 04/29/2022			
1,1-Dichloroethylene	48		ug/L	50.0		96.3	68-134				
1,2-Dichloroethane	49		"	50.0		98.8	69-133				
1,4-Dichlorobenzene	48		"	50.0		96.7	82-124				
2-Butanone	48		"	50.0		96.3	44-169				
Benzene	52		"	50.0		104	72-134				
Carbon tetrachloride	52		"	50.0		104	62-145				
Chlorobenzene	52		"	50.0		104	85-119				
Chloroform	51		"	50.0		102	74-131				
Tetrachloroethylene	36		"	50.0		72.4	78-133	Low Bias			
Trichloroethylene	48		"	50.0		95.7	81-125				
Vinyl Chloride	50		"	50.0		101	42-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.5*		*"*	*50.0*		*95.0*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*42.9*		*"*	*50.0*		*85.8*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21768 - EPA 5030B/1311											
LCS Dup (BD21768-BSD1)								Prepared & Analyzed: 04/29/2022			
1,1-Dichloroethylene	46		ug/L	50.0		91.9	68-134		4.70	30	
1,2-Dichloroethane	47		"	50.0		94.3	69-133		4.70	30	
1,4-Dichlorobenzene	48		"	50.0		95.7	82-124		0.956	30	
2-Butanone	46		"	50.0		91.5	44-169		5.18	30	
Benzene	51		"	50.0		102	72-134		2.35	30	
Carbon tetrachloride	51		"	50.0		102	62-145		1.86	30	
Chlorobenzene	52		"	50.0		104	85-119		0.211	30	
Chloroform	50		"	50.0		101	74-131		1.65	30	
Tetrachloroethylene	36		"	50.0		71.9	78-133	Low Bias	0.720	30	
Trichloroethylene	47		"	50.0		94.0	81-125		1.81	30	
Vinyl Chloride	49		"	50.0		97.9	42-136		2.78	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.0*		*"*	*50.0*		*92.0*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*43.1*		*"*	*50.0*		*86.2*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Duplicate (BD21768-DUP1)	*Source sample: 22D1108-04 (Duplicate)							Prepared & Analyzed: 04/29/2022			
1,1-Dichloroethylene	ND	50	ug/L		ND					200	
1,2-Dichloroethane	ND	50	"		ND					200	
1,4-Dichlorobenzene	ND	50	"		ND					200	
2-Butanone	ND	50	"		ND					200	
Benzene	ND	50	"		ND					200	
Carbon tetrachloride	ND	50	"		ND					200	
Chlorobenzene	ND	50	"		ND					200	
Chloroform	ND	50	"		ND					200	
Tetrachloroethylene	ND	50	"		ND					200	
Trichloroethylene	ND	50	"		ND					200	
Vinyl Chloride	ND	50	"		ND					200	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: p-Bromofluorobenzene	*44.8*		*"*	*50.0*		*89.5*	*76-130*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*85-120*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BD21517 - EPA 3546 SVOA

Blank (BD21517-BLK1) Prepared & Analyzed: 04/26/2022

1,1-Biphenyl	ND	41.6	ug/kg wet
1,2,4,5-Tetrachlorobenzene	ND	83.0	"
1,2,4-Trichlorobenzene	ND	41.6	"
1,2-Dichlorobenzene	ND	41.6	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.6	"
1,3-Dichlorobenzene	ND	41.6	"
1,4-Dichlorobenzene	ND	41.6	"
2,3,4,6-Tetrachlorophenol	ND	83.0	"
2,4,5-Trichlorophenol	ND	41.6	"
2,4,6-Trichlorophenol	ND	41.6	"
2,4-Dichlorophenol	ND	41.6	"
2,4-Dimethylphenol	ND	41.6	"
2,4-Dinitrophenol	ND	83.0	"
2,4-Dinitrotoluene	ND	41.6	"
2,6-Dinitrotoluene	ND	41.6	"
2-Chloronaphthalene	ND	41.6	"
2-Chlorophenol	ND	41.6	"
2-Methylnaphthalene	ND	41.6	"
2-Methylphenol	ND	41.6	"
2-Nitroaniline	ND	83.0	"
2-Nitrophenol	ND	41.6	"
3- & 4-Methylphenols	ND	41.6	"
3,3-Dichlorobenzidine	ND	41.6	"
3-Nitroaniline	ND	83.0	"
4,6-Dinitro-2-methylphenol	ND	83.0	"
4-Bromophenyl phenyl ether	ND	41.6	"
4-Chloro-3-methylphenol	ND	41.6	"
4-Chloroaniline	ND	41.6	"
4-Chlorophenyl phenyl ether	ND	41.6	"
4-Nitroaniline	ND	83.0	"
4-Nitrophenol	ND	83.0	"
Acenaphthene	ND	41.6	"
Acenaphthylene	ND	41.6	"
Acetophenone	ND	41.6	"
Aniline	ND	166	"
Anthracene	ND	41.6	"
Atrazine	ND	41.6	"
Benzaldehyde	ND	41.6	"
Benzidine	ND	166	"
Benzo(a)anthracene	ND	41.6	"
Benzo(a)pyrene	ND	41.6	"
Benzo(b)fluoranthene	ND	41.6	"
Benzo(g,h,i)perylene	ND	41.6	"
Benzo(k)fluoranthene	ND	41.6	"
Benzoic acid	ND	41.6	"
Benzyl alcohol	ND	41.6	"
Benzyl butyl phthalate	ND	41.6	"
Bis(2-chloroethoxy)methane	ND	41.6	"
Bis(2-chloroethyl)ether	ND	41.6	"
Bis(2-chloroisopropyl)ether	ND	41.6	"
Bis(2-ethylhexyl)phthalate	ND	41.6	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21517 - EPA 3546 SVOA											
Blank (BD21517-BLK1)											
Prepared & Analyzed: 04/26/2022											
Caprolactam	ND	83.0	ug/kg wet								
Carbazole	ND	41.6	"								
Chrysene	ND	41.6	"								
Dibenzo(a,h)anthracene	ND	41.6	"								
Dibenzofuran	ND	41.6	"								
Diethyl phthalate	ND	41.6	"								
Dimethyl phthalate	ND	41.6	"								
Di-n-butyl phthalate	ND	41.6	"								
Di-n-octyl phthalate	ND	41.6	"								
Diphenylamine	ND	83.0	"								
Fluoranthene	ND	41.6	"								
Fluorene	ND	41.6	"								
Hexachlorobenzene	ND	41.6	"								
Hexachlorobutadiene	ND	41.6	"								
Hexachlorocyclopentadiene	ND	41.6	"								
Hexachloroethane	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	41.6	"								
Isophorone	ND	41.6	"								
Naphthalene	ND	41.6	"								
Nitrobenzene	ND	41.6	"								
N-Nitrosodimethylamine	ND	41.6	"								
N-nitroso-di-n-propylamine	ND	41.6	"								
N-Nitrosodiphenylamine	ND	41.6	"								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	41.6	"								
Phenol	ND	41.6	"								
Pyrene	ND	41.6	"								
Surrogate: SURR: 2-Fluorophenol	*1200*		"	*1660*		*72.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1070*		"	*1660*		*64.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*665*		"	*831*		*80.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*493*		"	*831*		*59.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1290*		"	*1660*		*77.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*573*		"	*831*		*69.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21517 - EPA 3546 SVOA											
LCS (BD21517-BS1)							Prepared & Analyzed: 04/26/2022				
1,1-Biphenyl	274	41.6	ug/kg wet	831		33.0	18-111				
1,2,4,5-Tetrachlorobenzene	267	83.0	"	831		32.2	21-131				
1,2,4-Trichlorobenzene	283	41.6	"	831		34.1	10-140				
1,2-Dichlorobenzene	276	41.6	"	831		33.2	34-108	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	272	41.6	"	831		32.8	17-137				
1,3-Dichlorobenzene	290	41.6	"	831		34.9	33-110				
1,4-Dichlorobenzene	280	41.6	"	831		33.7	32-104				
2,3,4,6-Tetrachlorophenol	319	83.0	"	831		38.4	30-130				
2,4,5-Trichlorophenol	347	41.6	"	831		41.8	27-118				
2,4,6-Trichlorophenol	326	41.6	"	831		39.2	31-120				
2,4-Dichlorophenol	345	41.6	"	831		41.6	20-127				
2,4-Dimethylphenol	338	41.6	"	831		40.7	14-132				
2,4-Dinitrophenol	393	83.0	"	831		47.4	10-171				
2,4-Dinitrotoluene	443	41.6	"	831		53.3	34-131				
2,6-Dinitrotoluene	468	41.6	"	831		56.4	31-128				
2-Chloronaphthalene	273	41.6	"	831		32.9	31-117				
2-Chlorophenol	319	41.6	"	831		38.4	33-113				
2-Methylnaphthalene	297	41.6	"	831		35.7	12-138				
2-Methylphenol	314	41.6	"	831		37.8	10-136				
2-Nitroaniline	404	83.0	"	831		48.6	27-132				
2-Nitrophenol	406	41.6	"	831		48.9	17-129				
3- & 4-Methylphenols	264	41.6	"	831		31.8	29-103				
3,3-Dichlorobenzidine	243	41.6	"	831		29.3	22-149				
3-Nitroaniline	352	83.0	"	831		42.4	20-133				
4,6-Dinitro-2-methylphenol	410	83.0	"	831		49.3	10-143				
4-Bromophenyl phenyl ether	308	41.6	"	831		37.1	29-120				
4-Chloro-3-methylphenol	360	41.6	"	831		43.4	24-129				
4-Chloroaniline	194	41.6	"	831		23.4	10-132				
4-Chlorophenyl phenyl ether	258	41.6	"	831		31.1	27-124				
4-Nitroaniline	383	83.0	"	831		46.2	16-128				
4-Nitrophenol	363	83.0	"	831		43.7	10-141				
Acenaphthene	304	41.6	"	831		36.6	30-121				
Acenaphthylene	287	41.6	"	831		34.6	30-115				
Acetophenone	291	41.6	"	831		35.1	20-112				
Aniline	238	166	"	831		28.6	10-119				
Anthracene	312	41.6	"	831		37.5	34-118				
Atrazine	377	41.6	"	831		45.4	26-112				
Benzaldehyde	325	41.6	"	831		39.2	21-100				
Benzo(a)anthracene	333	41.6	"	831		40.1	32-122				
Benzo(a)pyrene	344	41.6	"	831		41.4	29-133				
Benzo(b)fluoranthene	350	41.6	"	831		42.2	25-133				
Benzo(g,h,i)perylene	351	41.6	"	831		42.2	10-143				
Benzo(k)fluoranthene	341	41.6	"	831		41.1	25-128				
Benzoic acid	134	41.6	"	831		16.2	10-140				
Benzyl alcohol	319	41.6	"	831		38.4	30-115				
Benzyl butyl phthalate	355	41.6	"	831		42.7	26-126				
Bis(2-chloroethoxy)methane	283	41.6	"	831		34.1	19-132				
Bis(2-chloroethyl)ether	279	41.6	"	831		33.6	19-125				
Bis(2-chloroisopropyl)ether	255	41.6	"	831		30.8	20-135				
Bis(2-ethylhexyl)phthalate	385	41.6	"	831		46.4	10-155				
Caprolactam	377	83.0	"	831		45.4	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21517 - EPA 3546 SVOA											
LCS (BD21517-BS1)							Prepared & Analyzed: 04/26/2022				
Carbazole	329	41.6	ug/kg wet	831		39.6	35-123				
Chrysene	317	41.6	"	831		38.2	32-123				
Dibenzo(a,h)anthracene	357	41.6	"	831		43.0	10-136				
Dibenzofuran	308	41.6	"	831		37.0	29-121				
Diethyl phthalate	294	41.6	"	831		35.4	34-116				
Dimethyl phthalate	325	41.6	"	831		39.1	35-124				
Di-n-butyl phthalate	350	41.6	"	831		42.2	31-116				
Di-n-octyl phthalate	364	41.6	"	831		43.8	26-136				
Diphenylamine	346	83.0	"	831		41.6	40-140				
Fluoranthene	335	41.6	"	831		40.4	33-122				
Fluorene	260	41.6	"	831		31.4	29-123				
Hexachlorobenzene	335	41.6	"	831		40.4	21-124				
Hexachlorobutadiene	310	41.6	"	831		37.3	10-149				
Hexachlorocyclopentadiene	142	41.6	"	831		17.1	10-129				
Hexachloroethane	280	41.6	"	831		33.8	28-108				
Indeno(1,2,3-cd)pyrene	349	41.6	"	831		42.0	10-135				
Isophorone	318	41.6	"	831		38.3	20-132				
Naphthalene	283	41.6	"	831		34.1	23-124				
Nitrobenzene	345	41.6	"	831		41.5	13-132				
N-Nitrosodimethylamine	221	41.6	"	831		26.6	11-129				
N-nitroso-di-n-propylamine	263	41.6	"	831		31.6	24-119				
N-Nitrosodiphenylamine	340	41.6	"	831		41.0	22-152				
Pentachlorophenol	192	41.6	"	831		23.1	10-139				
Phenanthrene	296	41.6	"	831		35.6	33-123				
Phenol	334	41.6	"	831		40.2	23-115				
Pyrene	312	41.6	"	831		37.6	32-130				
Surrogate: SURR: 2-Fluorophenol	*717*		*"*	*1660*		*43.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*627*		*"*	*1660*		*37.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*389*		*"*	*831*		*46.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*287*		*"*	*831*		*34.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*722*		*"*	*1660*		*43.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*315*		*"*	*831*		*37.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD21517 - EPA 3546 SVOA

Matrix Spike (BD21517-MS1) *Source sample: 22D1092-01 (Matrix Spike) Prepared: 04/26/2022 Analyzed: 04/28/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	421	84.9	ug/kg dry	848	ND	49.7	10-130				
1,2,4,5-Tetrachlorobenzene	474	170	"	848	ND	55.9	10-133				
1,2,4-Trichlorobenzene	431	84.9	"	848	ND	50.8	10-127				
1,2-Dichlorobenzene	333	84.9	"	848	ND	39.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	402	84.9	"	848	ND	47.4	10-144				
1,3-Dichlorobenzene	364	84.9	"	848	ND	42.9	11-111				
1,4-Dichlorobenzene	362	84.9	"	848	ND	42.7	10-106				
2,3,4,6-Tetrachlorophenol	469	170	"	848	ND	55.3	30-130				
2,4,5-Trichlorophenol	478	84.9	"	848	ND	56.4	10-127				
2,4,6-Trichlorophenol	549	84.9	"	848	ND	64.7	10-132				
2,4-Dichlorophenol	406	84.9	"	848	ND	47.8	10-128				
2,4-Dimethylphenol	324	84.9	"	848	ND	38.2	10-137				
2,4-Dinitrophenol	ND	170	"	848	ND		10-171	Low Bias			
2,4-Dinitrotoluene	524	84.9	"	848	ND	61.8	16-135				
2,6-Dinitrotoluene	558	84.9	"	848	ND	65.8	18-131				
2-Chloronaphthalene	411	84.9	"	848	ND	48.4	10-129				
2-Chlorophenol	292	84.9	"	848	ND	34.4	15-116				
2-Methylnaphthalene	420	84.9	"	848	ND	49.5	10-147				
2-Methylphenol	367	84.9	"	848	ND	43.3	10-136				
2-Nitroaniline	389	170	"	848	ND	45.8	10-137				
2-Nitrophenol	425	84.9	"	848	ND	50.1	10-129				
3- & 4-Methylphenols	333	84.9	"	848	ND	39.2	10-123				
3,3-Dichlorobenzidine	506	84.9	"	848	ND	59.7	10-155				
3-Nitroaniline	377	170	"	848	ND	44.4	12-133				
4,6-Dinitro-2-methylphenol	399	170	"	848	ND	47.0	10-155				
4-Bromophenyl phenyl ether	449	84.9	"	848	ND	52.9	14-128				
4-Chloro-3-methylphenol	436	84.9	"	848	ND	51.4	10-134				
4-Chloroaniline	308	84.9	"	848	ND	36.3	10-145				
4-Chlorophenyl phenyl ether	478	84.9	"	848	ND	56.3	14-130				
4-Nitroaniline	343	170	"	848	ND	40.5	10-147				
4-Nitrophenol	184	170	"	848	ND	21.7	10-137				
Acenaphthene	437	84.9	"	848	ND	51.5	10-146				
Acenaphthylene	409	84.9	"	848	ND	48.2	10-134				
Acetophenone	318	84.9	"	848	ND	37.5	10-116				
Aniline	296	340	"	848	ND	34.9	10-123				
Anthracene	443	84.9	"	848	ND	52.2	10-142				
Atrazine	483	84.9	"	848	ND	57.0	19-115				
Benzaldehyde	320	84.9	"	848	ND	37.7	10-125				
Benzo(a)anthracene	453	84.9	"	848	ND	53.4	10-158				
Benzo(a)pyrene	430	84.9	"	848	ND	50.6	10-180				
Benzo(b)fluoranthene	440	84.9	"	848	ND	51.8	10-200				
Benzo(g,h,i)perylene	431	84.9	"	848	ND	50.8	10-138				
Benzo(k)fluoranthene	484	84.9	"	848	ND	57.0	10-197				
Benzoic acid	452	84.9	"	848	ND	53.3	10-166				
Benzyl alcohol	283	84.9	"	848	ND	33.4	12-124				
Benzyl butyl phthalate	384	84.9	"	848	ND	45.3	10-154				
Bis(2-chloroethoxy)methane	319	84.9	"	848	ND	37.6	10-132				
Bis(2-chloroethyl)ether	313	84.9	"	848	ND	36.9	10-119				
Bis(2-chloroisopropyl)ether	242	84.9	"	848	ND	28.5	10-139				
Bis(2-ethylhexyl)phthalate	449	84.9	"	848	ND	52.9	10-167				
Caprolactam	316	170	"	848	ND	37.3	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21517 - EPA 3546 SVOA											
Matrix Spike (BD21517-MS1)	*Source sample: 22D1092-01 (Matrix Spike)								Prepared: 04/26/2022 Analyzed: 04/28/2022		
Carbazole	408	84.9	ug/kg dry	848	ND	48.1	10-167				
Chrysene	452	84.9	"	848	ND	53.3	10-156				
Dibenzo(a,h)anthracene	454	84.9	"	848	ND	53.5	10-137				
Dibenzofuran	445	84.9	"	848	ND	52.4	10-147				
Diethyl phthalate	440	84.9	"	848	ND	51.8	20-120				
Dimethyl phthalate	453	84.9	"	848	ND	53.4	18-131				
Di-n-butyl phthalate	422	84.9	"	848	ND	49.8	10-137				
Di-n-octyl phthalate	390	84.9	"	848	ND	45.9	10-180				
Diphenylamine	476	170	"	848	ND	56.1	40-140				
Fluoranthene	457	84.9	"	848	ND	53.9	10-160				
Fluorene	463	84.9	"	848	ND	54.6	10-157				
Hexachlorobenzene	426	84.9	"	848	ND	50.2	10-137				
Hexachlorobutadiene	447	84.9	"	848	ND	52.6	10-132				
Hexachlorocyclopentadiene	266	84.9	"	848	ND	31.4	10-106				
Hexachloroethane	385	84.9	"	848	ND	45.4	10-110				
Indeno(1,2,3-cd)pyrene	542	84.9	"	848	ND	63.8	10-144				
Isophorone	382	84.9	"	848	ND	45.0	10-132				
Naphthalene	421	84.9	"	848	ND	49.7	10-141				
Nitrobenzene	339	84.9	"	848	ND	39.9	10-131				
N-Nitrosodimethylamine	315	84.9	"	848	ND	37.1	10-126				
N-nitroso-di-n-propylamine	305	84.9	"	848	ND	35.9	10-125				
N-Nitrosodiphenylamine	438	84.9	"	848	ND	51.7	10-177				
Pentachlorophenol	321	84.9	"	848	ND	37.8	10-153				
Phenanthrene	434	84.9	"	848	ND	51.2	10-148				
Phenol	360	84.9	"	848	ND	42.4	10-126				
Pyrene	450	84.9	"	848	ND	53.0	10-165				
Surrogate: SURR: 2-Fluorophenol	*620*		"	*1700*		*36.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*515*		"	*1700*		*30.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*323*		"	*848*		*38.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*364*		"	*848*		*42.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*903*		"	*1700*		*53.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*391*		"	*848*		*46.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD21517 - EPA 3546 SVOA

Matrix Spike Dup (BD21517-MSD1) *Source sample: 22D1092-01 (Matrix Spike Dup) Prepared: 04/26/2022 Analyzed: 04/28/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	435	84.9	ug/kg dry	848	ND	51.3	10-130		3.17	30	
1,2,4,5-Tetrachlorobenzene	476	170	"	848	ND	56.2	10-133		0.428	30	
1,2,4-Trichlorobenzene	432	84.9	"	848	ND	50.9	10-127		0.157	30	
1,2-Dichlorobenzene	405	84.9	"	848	ND	47.8	14-111		19.5	30	
1,2-Diphenylhydrazine (as Azobenzene)	402	84.9	"	848	ND	47.4	10-144		0.169	30	
1,3-Dichlorobenzene	419	84.9	"	848	ND	49.4	11-111		14.2	30	
1,4-Dichlorobenzene	402	84.9	"	848	ND	47.4	10-106		10.5	30	
2,3,4,6-Tetrachlorophenol	535	170	"	848	ND	63.1	30-130		13.2	30	
2,4,5-Trichlorophenol	445	84.9	"	848	ND	52.5	10-127		7.20	30	
2,4,6-Trichlorophenol	504	84.9	"	848	ND	59.4	10-132		8.64	30	
2,4-Dichlorophenol	403	84.9	"	848	ND	47.5	10-128		0.671	30	
2,4-Dimethylphenol	339	84.9	"	848	ND	40.0	10-137		4.71	30	
2,4-Dinitrophenol	ND	170	"	848	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	544	84.9	"	848	ND	64.1	16-135		3.69	30	
2,6-Dinitrotoluene	465	84.9	"	848	ND	54.8	18-131		18.2	30	
2-Chloronaphthalene	381	84.9	"	848	ND	44.9	10-129		7.55	30	
2-Chlorophenol	272	84.9	"	848	ND	32.1	15-116		6.98	30	
2-Methylnaphthalene	430	84.9	"	848	ND	50.6	10-147		2.24	30	
2-Methylphenol	373	84.9	"	848	ND	43.9	10-136		1.47	30	
2-Nitroaniline	411	170	"	848	ND	48.4	10-137		5.43	30	
2-Nitrophenol	400	84.9	"	848	ND	47.2	10-129		5.92	30	
3- & 4-Methylphenols	337	84.9	"	848	ND	39.7	10-123		1.22	30	
3,3-Dichlorobenzidine	563	84.9	"	848	ND	66.3	10-155		10.5	30	
3-Nitroaniline	398	170	"	848	ND	46.9	12-133		5.43	30	
4,6-Dinitro-2-methylphenol	379	170	"	848	ND	44.7	10-155		5.06	30	
4-Bromophenyl phenyl ether	432	84.9	"	848	ND	50.9	14-128		3.86	30	
4-Chloro-3-methylphenol	448	84.9	"	848	ND	52.8	10-134		2.76	30	
4-Chloroaniline	195	84.9	"	848	ND	23.0	10-145		45.1	30	Non-dir.
4-Chlorophenyl phenyl ether	468	84.9	"	848	ND	55.1	14-130		2.15	30	
4-Nitroaniline	272	170	"	848	ND	32.1	10-147		23.2	30	
4-Nitrophenol	ND	170	"	848	ND		10-137	Low Bias		30	
Acenaphthene	443	84.9	"	848	ND	52.2	10-146		1.23	30	
Acenaphthylene	419	84.9	"	848	ND	49.4	10-134		2.46	30	
Acetophenone	313	84.9	"	848	ND	36.9	10-116		1.72	30	
Aniline	311	340	"	848	ND	36.6	10-123		4.92	30	
Anthracene	438	84.9	"	848	ND	51.6	10-142		1.08	30	
Atrazine	491	84.9	"	848	ND	57.8	19-115		1.53	30	
Benzaldehyde	360	84.9	"	848	ND	42.4	10-125		11.8	30	
Benzo(a)anthracene	417	84.9	"	848	ND	49.2	10-158		8.11	30	
Benzo(a)pyrene	428	84.9	"	848	ND	50.5	10-180		0.316	30	
Benzo(b)fluoranthene	425	84.9	"	848	ND	50.1	10-200		3.45	30	
Benzo(g,h,i)perylene	432	84.9	"	848	ND	50.9	10-138		0.157	30	
Benzo(k)fluoranthene	478	84.9	"	848	ND	56.4	10-197		1.13	30	
Benzoic acid	134	84.9	"	848	ND	15.8	10-166		109	30	Non-dir.
Benzyl alcohol	285	84.9	"	848	ND	33.6	12-124		0.717	30	
Benzyl butyl phthalate	386	84.9	"	848	ND	45.5	10-154		0.529	30	
Bis(2-chloroethoxy)methane	297	84.9	"	848	ND	35.0	10-132		7.05	30	
Bis(2-chloroethyl)ether	389	84.9	"	848	ND	45.8	10-119		21.7	30	
Bis(2-chloroisopropyl)ether	267	84.9	"	848	ND	31.4	10-139		9.88	30	
Bis(2-ethylhexyl)phthalate	393	84.9	"	848	ND	46.3	10-167		13.2	30	
Caprolactam	361	170	"	848	ND	42.6	10-132		13.2	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21517 - EPA 3546 SVOA											
Matrix Spike Dup (BD21517-MSD1)	*Source sample: 22D1092-01 (Matrix Spike Dup)								Prepared: 04/26/2022 Analyzed: 04/28/2022		
Carbazole	355	84.9	ug/kg dry	848	ND	41.8	10-167		13.9	30	
Chrysene	459	84.9	"	848	ND	54.1	10-156		1.49	30	
Dibenzo(a,h)anthracene	451	84.9	"	848	ND	53.2	10-137		0.600	30	
Dibenzofuran	438	84.9	"	848	ND	51.7	10-147		1.38	30	
Diethyl phthalate	432	84.9	"	848	ND	51.0	20-120		1.71	30	
Dimethyl phthalate	464	84.9	"	848	ND	54.7	18-131		2.37	30	
Di-n-butyl phthalate	400	84.9	"	848	ND	47.1	10-137		5.45	30	
Di-n-octyl phthalate	377	84.9	"	848	ND	44.4	10-180		3.37	30	
Diphenylamine	468	170	"	848	ND	55.2	40-140		1.58	30	
Fluoranthene	451	84.9	"	848	ND	53.2	10-160		1.34	30	
Fluorene	477	84.9	"	848	ND	56.2	10-157		3.03	30	
Hexachlorobenzene	440	84.9	"	848	ND	51.9	10-137		3.45	30	
Hexachlorobutadiene	516	84.9	"	848	ND	60.8	10-132		14.4	30	
Hexachlorocyclopentadiene	197	84.9	"	848	ND	23.2	10-106		29.9	30	
Hexachloroethane	425	84.9	"	848	ND	50.1	10-110		9.89	30	
Indeno(1,2,3-cd)pyrene	520	84.9	"	848	ND	61.3	10-144		4.09	30	
Isophorone	341	84.9	"	848	ND	40.2	10-132		11.5	30	
Naphthalene	381	84.9	"	848	ND	45.0	10-141		9.97	30	
Nitrobenzene	332	84.9	"	848	ND	39.1	10-131		2.02	30	
N-Nitrosodimethylamine	289	84.9	"	848	ND	34.1	10-126		8.54	30	
N-nitroso-di-n-propylamine	285	84.9	"	848	ND	33.6	10-125		6.67	30	
N-Nitrosodiphenylamine	463	84.9	"	848	ND	54.6	10-177		5.42	30	
Pentachlorophenol	257	84.9	"	848	ND	30.3	10-153		22.1	30	
Phenanthrene	432	84.9	"	848	ND	51.0	10-148		0.470	30	
Phenol	335	84.9	"	848	ND	39.4	10-126		7.23	30	
Pyrene	426	84.9	"	848	ND	50.2	10-165		5.42	30	
Surrogate: SURR: 2-Fluorophenol	*662*		*"*	*1700*		*39.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*487*		*"*	*1700*		*28.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*283*		*"*	*848*		*33.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*375*		*"*	*848*		*44.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*910*		*"*	*1700*		*53.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*398*		*"*	*848*		*47.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21576 - EPA 3510C/1311											
Blank (BD21576-BLK1)											Prepared: 04/26/2022 Analyzed: 04/27/2022
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: SURR: 2-Fluorophenol	*62.5*		*"*	*100*		*62.5*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*44.9*		*"*	*100*		*44.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*45.3*		*"*	*50.0*		*90.6*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*41.3*		*"*	*50.0*		*82.6*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.0*		*"*	*100*		*44.0*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*49.6*		*"*	*50.0*		*99.2*	*25.8-110*				
LCS (BD21576-BS1)											Prepared: 04/26/2022 Analyzed: 04/27/2022
1,4-Dichlorobenzene	33.5	10.0	ug/L	50.0		66.9	42.7-102				
2,4,5-Trichlorophenol	34.3	10.0	"	50.0		68.5	33-141				
2,4,6-Trichlorophenol	34.2	10.0	"	50.0		68.4	35-138				
2,4-Dinitrotoluene	39.7	10.0	"	50.0		79.3	38.6-153				
2-Methylphenol	38.3	10.0	"	50.0		76.6	34.7-106				
3- & 4-Methylphenols	33.1	20.0	"	50.0		66.2	30.1-94				
Cresols, total	71.4	30.0	"	100		71.4	30.1-106				
Hexachlorobenzene	37.1	10.0	"	50.0		74.2	38.9-109				
Hexachlorobutadiene	27.2	10.0	"	50.0		54.5	24.3-132				
Hexachloroethane	39.2	10.0	"	50.0		78.4	36.7-102				
Nitrobenzene	40.2	10.0	"	50.0		80.4	33.3-122				
Pentachlorophenol	18.4	10.0	"	50.0		36.8	22.2-137				
Pyridine	29.0	10.0	"	51.0		56.9	14.9-73.5				
Surrogate: SURR: 2-Fluorophenol	*62.0*		*"*	*100*		*62.0*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*47.5*		*"*	*100*		*47.5*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*42.5*		*"*	*50.0*		*84.9*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*37.9*		*"*	*50.0*		*75.8*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.2*		*"*	*100*		*40.2*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*44.7*		*"*	*50.0*		*89.4*	*25.8-110*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21576 - EPA 3510C/1311											
LCS Dup (BD21576-BSD1)								Prepared: 04/26/2022 Analyzed: 04/27/2022			
1,4-Dichlorobenzene	30.8	10.0	ug/L	50.0		61.6	42.7-102		8.34	21.2	
2,4,5-Trichlorophenol	32.2	10.0	"	50.0		64.4	33-141		6.20	22.9	
2,4,6-Trichlorophenol	31.1	10.0	"	50.0		62.2	35-138		9.49	23.4	
2,4-Dinitrotoluene	36.4	10.0	"	50.0		72.9	38.6-153		8.46	24.8	
2-Methylphenol	34.3	10.0	"	50.0		68.5	34.7-106		11.1	25.9	
3- & 4-Methylphenols	30.2	20.0	"	50.0		60.3	30.1-94		9.23	24.9	
Cresols, total	64.4	30.0	"	100		64.4	30.1-106		10.2	25.9	
Hexachlorobenzene	33.5	10.0	"	50.0		67.1	38.9-109		10.0	27.1	
Hexachlorobutadiene	24.9	10.0	"	50.0		49.8	24.3-132		8.90	22	
Hexachloroethane	35.0	10.0	"	50.0		69.9	36.7-102		11.5	20.4	
Nitrobenzene	36.5	10.0	"	50.0		72.9	33.3-122		9.71	24.1	
Pentachlorophenol	16.5	10.0	"	50.0		33.0	22.2-137		10.9	36.9	
Pyridine	26.7	10.0	"	51.0		52.3	14.9-73.5		8.33	50	
Surrogate: SURR: 2-Fluorophenol	*60.1*		*"*	*100*		*60.1*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*44.9*		*"*	*100*		*44.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*40.2*		*"*	*50.0*		*80.4*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*36.5*		*"*	*50.0*		*73.0*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.8*		*"*	*100*		*38.8*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*41.3*		*"*	*50.0*		*82.7*	*25.8-110*				
Leach Fluid Blank (BD21576-LBK1)								Prepared: 04/26/2022 Analyzed: 04/27/2022			
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: SURR: 2-Fluorophenol	*60.7*		*"*	*100*		*60.7*	*10-90.9*				
Surrogate: SURR: Phenol-d5	*46.4*		*"*	*100*		*46.4*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*40.2*		*"*	*50.0*		*80.3*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*35.0*		*"*	*50.0*		*70.1*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.9*		*"*	*100*		*37.9*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*39.0*		*"*	*50.0*		*77.9*	*25.8-110*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21517 - EPA 3546 SVOA											
Blank (BD21517-BLK1)											Prepared & Analyzed: 04/26/2022
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21572 - EPA 3510C/1311											
Blank (BD21572-BLK1)											Prepared: 04/26/2022 Analyzed: 04/27/2022
Chlordane, total	ND	0.200	ug/L								
Endrin	ND	0.0400	"								
gamma-BHC (Lindane)	ND	0.0400	"								
Heptachlor	ND	0.0400	"								
Heptachlor epoxide	ND	0.0400	"								
Methoxychlor	ND	0.0400	"								
Toxaphene	ND	1.00	"								
Surrogate: Decachlorobiphenyl	*0.952*		"	*2.00*		*47.6*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*1.40*		"	*2.00*		*70.0*	*30-120*				
LCS (BD21572-BS1)											Prepared: 04/26/2022 Analyzed: 04/27/2022
Endrin	0.898	0.0400	ug/L	1.00		89.8	40-120				
gamma-BHC (Lindane)	0.970	0.0400	"	1.00		97.0	40-120				
Heptachlor	0.830	0.0400	"	1.00		83.0	40-120				
Heptachlor epoxide	0.941	0.0400	"	1.00		94.1	40-120				
Methoxychlor	0.837	0.0400	"	1.00		83.7	40-120				
Surrogate: Decachlorobiphenyl	*0.807*		"	*2.00*		*40.4*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*1.44*		"	*2.00*		*72.1*	*30-120*				
LCS Dup (BD21572-BSD1)											Prepared: 04/26/2022 Analyzed: 04/27/2022
Endrin	0.826	0.0400	ug/L	1.00		82.6	40-120		8.42	30	
gamma-BHC (Lindane)	0.900	0.0400	"	1.00		90.0	40-120		7.50	30	
Heptachlor	0.759	0.0400	"	1.00		75.9	40-120		8.88	30	
Heptachlor epoxide	0.892	0.0400	"	1.00		89.2	40-120		5.31	30	
Methoxychlor	0.781	0.0400	"	1.00		78.1	40-120		6.89	30	
Surrogate: Decachlorobiphenyl	*0.817*		"	*2.00*		*40.9*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*1.40*		"	*2.00*		*69.8*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21572 - EPA 3510C/1311											
Leach Fluid Blank (BD21572-LBK1)											Prepared: 04/26/2022 Analyzed: 04/28/2022
Chlordane, total	ND	0.200	ug/L								
Endrin	ND	0.0400	"								
gamma-BHC (Lindane)	ND	0.0400	"								
Heptachlor	ND	0.0400	"								
Heptachlor epoxide	ND	0.0400	"								
Methoxychlor	ND	0.0400	"								
Toxaphene	ND	1.00	"								
Surrogate: Decachlorobiphenyl	*1.34*		"	*2.00*		*67.2*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*1.28*		"	*2.00*		*64.2*	*30-120*				
Batch BD21594 - EPA 3550C											
Blank (BD21594-BLK1)											Prepared: 04/27/2022 Analyzed: 04/28/2022
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
Chlordane, total	ND	32.9	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
gamma-Chlordane	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	8.22	"								
Toxaphene	ND	83.2	"								
Surrogate: Decachlorobiphenyl	*51.1*		"	*66.4*		*76.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*44.6*		"	*66.4*		*67.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21594 - EPA 3550C											
LCS (BD21594-BS1)									Prepared: 04/27/2022 Analyzed: 04/28/2022		
4,4'-DDD	16.5	1.64	ug/kg wet	33.2		49.7	40-140				
4,4'-DDE	14.5	1.64	"	33.2		43.7	40-140				
4,4'-DDT	18.3	1.64	"	33.2		55.0	40-140				
Aldrin	19.4	1.64	"	33.2		58.5	40-140				
alpha-BHC	18.0	1.64	"	33.2		54.3	40-140				
alpha-Chlordane	19.5	1.64	"	33.2		58.6	40-140				
beta-BHC	17.8	1.64	"	33.2		53.5	40-140				
delta-BHC	16.0	1.64	"	33.2		48.3	40-140				
Dieldrin	19.0	1.64	"	33.2		57.0	40-140				
Endosulfan I	21.8	1.64	"	33.2		65.7	40-140				
Endosulfan II	20.2	1.64	"	33.2		60.9	40-140				
Endosulfan sulfate	18.7	1.64	"	33.2		56.2	40-140				
Endrin	13.4	1.64	"	33.2		40.4	40-140				
Endrin aldehyde	19.2	1.64	"	33.2		57.7	40-140				
Endrin ketone	18.8	1.64	"	33.2		56.7	40-140				
gamma-BHC (Lindane)	16.4	1.64	"	33.2		49.5	40-140				
gamma-Chlordane	19.1	1.64	"	33.2		57.5	40-140				
Heptachlor	13.4	1.64	"	33.2		40.3	40-140				
Heptachlor epoxide	19.4	1.64	"	33.2		58.4	40-140				
Methoxychlor	14.5	8.22	"	33.2		43.8	40-140				
Surrogate: Decachlorobiphenyl	*40.2*		*"*	*66.4*		*60.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*33.5*		*"*	*66.4*		*50.3*	*30-150*				
Batch Y2D1930 - BD20673											
Performance Mix (Y2D1930-PEM1)									Prepared & Analyzed: 04/18/2022		
4,4'-DDD	12.1		ng/mL	0.00			0-200				
4,4'-DDE	1.61		"	0.00			0-200				
4,4'-DDT	348		"	200		174	0-200				
Endrin	173		"	100		173	0-200				
Endrin	173		"	100		173	0-200				
Endrin aldehyde	7.91		"	0.00			0-200				
Endrin ketone	11.2		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2D2811 - BD21005											
Performance Mix (Y2D2811-PEM1)								Prepared & Analyzed: 04/27/2022			
Endrin	114		ng/mL	100		114	0-200				
Performance Mix (Y2D2811-PEM2)								Prepared & Analyzed: 04/27/2022			
Endrin	117		ng/mL	100		117	0-200				
Batch Y2D2905 - BD21005											
Performance Mix (Y2D2905-PEM1)								Prepared & Analyzed: 04/28/2022			
4,4'-DDD	12.2		ng/mL	0.00			0-200				
4,4'-DDE	1.15		"	0.00			0-200				
4,4'-DDT	304		"	200		152	0-200				
Endrin	114		"	100		114	0-200				
Endrin	114		"	100		114	0-200				
Endrin aldehyde	4.05		"	0.00			0-200				
Endrin ketone	9.30		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21594 - EPA 3550C											
Blank (BD21594-BLK2)								Prepared & Analyzed: 04/27/2022			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0548*		"	*0.0664*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0651*		"	*0.0664*		*98.0*	*30-140*				
LCS (BD21594-BS2)								Prepared & Analyzed: 04/27/2022			
Aroclor 1016	0.283	0.0166	mg/kg wet	0.332		85.1	40-130				
Aroclor 1260	0.327	0.0166	"	0.332		98.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0558*		"	*0.0664*		*84.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0691*		"	*0.0664*		*104*	*30-140*				
Matrix Spike (BD21594-MS2)	*Source sample: 22D1127-02 (Matrix Spike)							Prepared: 04/27/2022 Analyzed: 04/28/2022			
Aroclor 1016	0.371	0.0179	mg/kg dry	0.358	ND	104	40-140				
Aroclor 1260	0.399	0.0179	"	0.358	ND	112	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0676*		"	*0.0715*		*94.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0690*		"	*0.0715*		*96.5*	*30-140*				
Matrix Spike Dup (BD21594-MSD2)	*Source sample: 22D1127-02 (Matrix Spike Dup)							Prepared: 04/27/2022 Analyzed: 04/28/2022			
Aroclor 1016	0.367	0.0179	mg/kg dry	0.358	ND	103	40-140		1.07	50	
Aroclor 1260	0.384	0.0179	"	0.358	ND	107	40-140		3.80	50	
Surrogate: Tetrachloro-m-xylene	*0.0665*		"	*0.0715*		*93.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0679*		"	*0.0715*		*95.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2D2750 - BD21594											
Aroclor Reference (Y2D2750-ARC1)											Prepared & Analyzed: 04/27/2022
Surrogate: Tetrachloro-m-xylene	*0.220*		*ug/mL*	*0.200*		*110*					
Surrogate: Decachlorobiphenyl	*0.280*		*"*	*0.200*		*140*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21601 - EPA 3535A/1311											
Blank (BD21601-BLK1)								Prepared & Analyzed: 04/27/2022			
2,4,5-TP (Silvex)	ND	5.00	ug/L								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*75.8*		*"*	*125*		*60.6*	*10-150*				
LCS (BD21601-BS1)								Prepared & Analyzed: 04/27/2022			
2,4,5-TP (Silvex)	23.0	5.00	ug/L	40.0		57.5	10-139				
2,4-D	27.0	5.00	"	40.0		67.5	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*80.5*		*"*	*125*		*64.4*	*10-150*				
LCS Dup (BD21601-BSD1)								Prepared & Analyzed: 04/27/2022			
2,4,5-TP (Silvex)	23.2	5.00	ug/L	40.0		58.1	10-139		1.08	30	
2,4-D	27.5	5.00	"	40.0		68.8	10-140		1.83	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*81.5*		*"*	*125*		*65.2*	*10-150*				
Batch BD21633 - EPA 3550C/8151A											
Blank (BD21633-BLK1)								Prepared: 04/27/2022 Analyzed: 04/28/2022			
2,4,5-T	ND	19.9	ug/kg wet								
2,4,5-TP (Silvex)	ND	19.9	"								
2,4-D	ND	19.9	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*327*		*"*	*415*		*78.8*	*21-150*				
LCS (BD21633-BS1)								Prepared: 04/27/2022 Analyzed: 04/28/2022			
2,4,5-T	81.4	19.9	ug/kg wet	133		61.2	10-120				
2,4,5-TP (Silvex)	87.2	19.9	"	133		65.6	10-120				
2,4-D	93.0	19.9	"	133		70.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*294*		*"*	*415*		*70.8*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21633 - EPA 3550C/8151A											
Matrix Spike (BD21633-MS1)	*Source sample: 22D1092-01 (Matrix Spike)										
											Prepared: 04/27/2022 Analyzed: 04/28/2022
2,4,5-T	86.5	20.4	ug/kg dry	136	ND	63.8	10-120				
2,4,5-TP (Silvex)	87.4	20.4	"	136	ND	64.4	10-120				
2,4-D	103	20.4	"	136	ND	75.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*288*		*"*	*424*		*68.0*	*21-150*				
Matrix Spike Dup (BD21633-MSD1)	*Source sample: 22D1092-01 (Matrix Spike Dup)										
											Prepared: 04/27/2022 Analyzed: 04/28/2022
2,4,5-T	82.3	20.4	ug/kg dry	136	ND	60.6	10-120		5.03	35	
2,4,5-TP (Silvex)	84.0	20.4	"	136	ND	61.9	10-120		3.96	35	
2,4-D	96.7	20.4	"	136	ND	71.3	10-118		5.96	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*280*		*"*	*424*		*66.0*	*21-150*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21495 - EPA 5035A											
Blank (BD21495-BLK1)								Prepared & Analyzed: 04/25/2022			
Total Petroleum Hydrocarbons-GRO	ND	80.0	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*284*		*ug/L*	*200*		*142*	*70-130*				
Duplicate (BD21495-DUP1)	*Source sample: 22D1108-02 (Duplicate)							Prepared: 04/25/2022 Analyzed: 04/26/2022			
Total Petroleum Hydrocarbons-GRO	69.9	89.2	mg/kg dry		67.6				3.41	30	
Surrogate: SURR: p-Bromofluorobenzene	*238*		*ug/L*	*200*		*119*	*70-130*				
Matrix Spike (BD21495-MS1)	*Source sample: 22D1108-02 (Matrix Spike)							Prepared: 04/25/2022 Analyzed: 04/26/2022			
Total Petroleum Hydrocarbons-GRO	8310		ug/L	8000	60600	NR	70-130	Low Bias			
Surrogate: SURR: p-Bromofluorobenzene	*254*		*"*	*200*		*127*	*70-130*				
Reference (BD21495-SRM1)								Prepared & Analyzed: 04/25/2022			
Total Petroleum Hydrocarbons-GRO	140	20.0	mg/kg wet	237		59.2	24.9-274				
Surrogate: SURR: p-Bromofluorobenzene	*323*		*ug/L*	*200*		*161*	*70-130*				
Batch BD21598 - EPA 3550C											
Blank (BD21598-BLK1)								Prepared & Analyzed: 04/27/2022			
Total Petroleum Hydrocarbons-DRO	ND	9.90	mg/kg wet								
Surrogate: Triacontane	*7.23*		*"*	*9.90*		*73.0*	*30-150*				
LCS (BD21598-BS1)								Prepared & Analyzed: 04/27/2022			
Total Petroleum Hydrocarbons-DRO	125	9.90	mg/kg wet	170		73.6	40-140				
Surrogate: Triacontane	*8.09*		*"*	*9.90*		*81.7*	*30-150*				
Matrix Spike (BD21598-MS1)	*Source sample: 22D1252-03 (Matrix Spike)							Prepared & Analyzed: 04/27/2022			
Total Petroleum Hydrocarbons-DRO	354	10.1	mg/kg dry	173	211	82.5	30-150				
Surrogate: Triacontane	*7.20*		*"*	*10.1*		*71.5*	*30-150*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21598 - EPA 3550C											
Matrix Spike Dup (BD21598-MSD1)	*Source sample: 22D1252-03 (Matrix Spike Dup)								Prepared & Analyzed: 04/27/2022		
Total Petroleum Hydrocarbons-DRO	329	10.1	mg/kg dry	173	211	68.4	30-150		7.15	30	
Surrogate: Triacontane	*7.50*		"	*10.1*		*74.4*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21722 - EPA 3050B											
Blank (BD21722-BLK1)											Prepared: 04/28/2022 Analyzed: 04/29/2022
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	0.518	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BD21722-DUP1)	*Source sample: 22D1188-02 (Duplicate)										Prepared: 04/28/2022 Analyzed: 04/29/2022
Aluminum	10300	5.51	mg/kg dry		11200				8.10	35	
Antimony	ND	2.75	"		ND					35	
Arsenic	5.37	1.65	"		5.78				7.33	35	
Barium	323	2.75	"		307				5.13	35	
Beryllium	ND	0.055	"		ND					35	
Cadmium	3.61	0.330	"		2.35				42.3	35	Non-dir.
Calcium	8540	5.51	"		8700				1.83	35	
Chromium	25.2	0.551	"		29.0				14.1	35	
Cobalt	10.4	0.441	"		9.92				4.73	35	
Copper	1860	2.20	"		426				125	35	Non-dir.
Iron	25100	27.5	"		21800				14.1	35	
Lead	459	0.551	"		724				44.8	35	Non-dir.
Magnesium	3630	5.51	"		3500				3.40	35	
Manganese	384	0.551	"		361				5.96	35	
Nickel	23.4	1.10	"		22.7				2.99	35	
Potassium	1840	5.51	"		1680				9.01	35	
Selenium	ND	2.75	"		ND					35	
Silver	ND	0.551	"		ND					35	
Sodium	189	55.1	"		200				5.93	35	
Thallium	ND	2.75	"		ND					35	
Vanadium	31.3	1.10	"		29.5				6.06	35	
Zinc	1590	2.75	"		755				71.4	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21722 - EPA 3050B											
Matrix Spike (BD21722-MS1)	*Source sample: 22D1188-02 (Matrix Spike)								Prepared: 04/28/2022 Analyzed: 04/29/2022		
Aluminum	10100	5.51	mg/kg dry	220	11200	NR	75-125	Low Bias			
Antimony	13.1	2.75	"	27.5	ND	47.6	75-125	Low Bias			
Arsenic	244	1.65	"	220	5.78	108	75-125				
Barium	474	2.75	"	220	307	76.1	75-125				
Beryllium	5.49	0.055	"	5.51	ND	99.8	75-125				
Cadmium	10.1	0.330	"	5.51	2.35	141	75-125	High Bias			
Calcium	7660	5.51	"	110	8700	NR	75-125	Low Bias			
Chromium	47.7	0.551	"	22.0	29.0	84.9	75-125				
Cobalt	76.1	0.441	"	55.1	9.92	120	75-125				
Copper	3330	2.20	"	27.5	426	NR	75-125	High Bias			
Iron	20800	27.5	"	110	21800	NR	75-125	Low Bias			
Lead	601	0.551	"	55.1	724	NR	75-125	Low Bias			
Magnesium	3460	5.51	"	110	3500	NR	75-125	Low Bias			
Manganese	390	0.551	"	55.1	361	51.9	75-125	Low Bias			
Nickel	94.8	1.10	"	55.1	22.7	131	75-125	High Bias			
Potassium	1860	5.51	"	110	1680	160	75-125	High Bias			
Selenium	188	2.75	"	220	ND	85.6	75-125				
Silver	6.37	0.551	"	5.51	ND	116	75-125				
Sodium	318	55.1	"	110	200	107	75-125				
Thallium	232	2.75	"	220	ND	105	75-125				
Vanadium	96.2	1.10	"	55.1	29.5	121	75-125				
Zinc	1170	2.75	"	55.1	755	745	75-125	High Bias			
Post Spike (BD21722-PS1)	*Source sample: 22D1188-02 (Post Spike)								Prepared: 04/28/2022 Analyzed: 04/29/2022		
Aluminum	110		ug/mL	2.00	102	400	75-125	High Bias			
Antimony	0.279		"	0.250	0.016	105	75-125				
Arsenic	2.07		"	2.00	0.052	101	75-125				
Barium	5.03		"	2.00	2.78	112	75-125				
Beryllium	0.046		"	0.0500	-0.009	91.4	75-125				
Cadmium	0.074		"	0.0500	0.021	105	75-125				
Calcium	83.3		"	1.00	79.0	428	75-125	High Bias			
Chromium	0.474		"	0.200	0.264	105	75-125				
Cobalt	0.647		"	0.500	0.090	111	75-125				
Copper	4.13		"	0.250	3.87	104	75-125				
Iron	206		"	1.00	198	800	75-125	High Bias			
Lead	6.95		"	0.500	6.57	75.4	75-125				
Magnesium	33.8		"	1.00	31.8	198	75-125	High Bias			
Manganese	3.81		"	0.500	3.28	105	75-125				
Nickel	0.747		"	0.500	0.206	108	75-125				
Potassium	17.2		"	1.00	15.3	191	75-125	High Bias			
Selenium	1.56		"	2.00	-0.190	78.0	75-125				
Silver	0.055		"	0.0500	0.0006	109	75-125				
Sodium	3.16		"	1.00	1.82	134	75-125	High Bias			
Thallium	1.95		"	2.00	-0.052	97.7	75-125				
Vanadium	0.817		"	0.500	0.268	110	75-125				
Zinc	7.23		"	0.500	6.85	75.5	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21722 - EPA 3050B											
Reference (BD21722-SRM1)								Prepared: 04/28/2022 Analyzed: 04/29/2022			
Aluminum	9310	5.00	mg/kg wet	10100		92.2	39.5-118.8				
Antimony	83.0	2.50	"	244		34.0	10-123				
Arsenic	112	1.50	"	109		103	63.7-118.3				
Barium	416	2.50	"	364		114	70.3-117				
Beryllium	60.0	0.050	"	57.0		105	69.3-115.4				
Cadmium	49.8	0.300	"	48.7		102	67.8-112.9				
Calcium	4780	5.00	"	5190		92.0	66.3-116.6				
Chromium	189	0.500	"	173		109	65.3-120.8				
Cobalt	167	0.400	"	148		113	70.3-117.6				
Copper	218	2.00	"	179		122	70.9-117.9	High Bias			
Iron	14300	25.0	"	15000		95.5	36.8-162.7				
Lead	111	0.500	"	101		110	69.1-126.7				
Magnesium	2400	5.00	"	2570		93.2	56.4-124.9				
Manganese	410	0.500	"	370		111	72.2-119.2				
Nickel	61.8	1.00	"	52.2		118	63.4-117.8	High Bias			
Potassium	2100	5.00	"	2420		87.0	49.6-118.6				
Selenium	75.6	2.50	"	104		72.7	58.5-122.1				
Silver	30.5	0.500	"	29.9		102	63.5-123.7				
Sodium	127	50.0	"	161		79.0	30.1-139.1				
Thallium	94.1	2.50	"	101		93.1	59.8-120.8				
Vanadium	211	1.00	"	194		109	73.2-117				
Zinc	451	2.50	"	431		105	74.9-121.1				
Batch BD21807 - EPA 3050B											
Blank (BD21807-BLK1)								Prepared: 04/29/2022 Analyzed: 05/03/2022			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21807 - EPA 3050B											
Duplicate (BD21807-DUP1)	*Source sample: 22D1084-02 (Duplicate)								Prepared: 04/29/2022 Analyzed: 05/03/2022		
Aluminum	3980	5.58	mg/kg dry		5970				40.1	35	Non-dir.
Antimony	ND	2.79	"		ND					35	
Arsenic	4.28	1.67	"		6.08				34.9	35	
Barium	131	2.79	"		156				17.6	35	
Beryllium	ND	0.056	"		ND					35	
Cadmium	ND	0.335	"		0.342					35	
Calcium	25200	5.58	"		33900				29.3	35	
Chromium	12.8	0.558	"		14.3				10.8	35	
Cobalt	3.61	0.446	"		6.29				54.3	35	Non-dir.
Copper	86.0	2.23	"		183				72.0	35	Non-dir.
Iron	11200	27.9	"		17700				45.1	35	Non-dir.
Lead	193	0.558	"		175				9.72	35	
Magnesium	5940	5.58	"		4510				27.2	35	
Manganese	172	0.558	"		245				35.1	35	Non-dir.
Nickel	14.2	1.12	"		13.2				7.40	35	
Potassium	770	5.58	"		1190				42.7	35	Non-dir.
Selenium	ND	2.79	"		ND					35	
Silver	ND	0.558	"		ND					35	
Sodium	197	55.8	"		282				35.5	35	Non-dir.
Thallium	ND	2.79	"		ND					35	
Vanadium	29.2	1.12	"		25.9				11.8	35	
Zinc	194	2.79	"		275				34.6	35	
Matrix Spike (BD21807-MS1)	*Source sample: 22D1084-02 (Matrix Spike)								Prepared: 04/29/2022 Analyzed: 05/03/2022		
Aluminum	5670	5.58	mg/kg dry	223	5970	NR	75-125	Low Bias			
Antimony	6.29	2.79	"	27.9	ND	22.6	75-125	Low Bias			
Arsenic	228	1.67	"	223	6.08	99.5	75-125				
Barium	387	2.79	"	223	156	104	75-125				
Beryllium	5.67	0.056	"	5.58	ND	102	75-125				
Cadmium	5.95	0.335	"	5.58	0.342	100	75-125				
Calcium	33300	5.58	"	112	33900	NR	75-125	Low Bias			
Chromium	35.3	0.558	"	22.3	14.3	94.2	75-125				
Cobalt	61.9	0.446	"	55.8	6.29	99.7	75-125				
Copper	154	2.23	"	27.9	183	NR	75-125	Low Bias			
Iron	11300	27.9	"	112	17700	NR	75-125	Low Bias			
Lead	228	0.558	"	55.8	175	95.7	75-125				
Magnesium	4120	5.58	"	112	4510	NR	75-125	Low Bias			
Manganese	245	0.558	"	55.8	245	NR	75-125	Low Bias			
Nickel	70.0	1.12	"	55.8	13.2	102	75-125				
Potassium	1090	5.58	"	112	1190	NR	75-125	Low Bias			
Selenium	184	2.79	"	223	ND	82.3	75-125				
Silver	4.26	0.558	"	5.58	ND	76.4	75-125				
Sodium	397	55.8	"	112	282	104	75-125				
Thallium	241	2.79	"	223	ND	108	75-125				
Vanadium	82.9	1.12	"	55.8	25.9	102	75-125				
Zinc	338	2.79	"	55.8	275	114	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21807 - EPA 3050B											
Post Spike (BD21807-PS1)	*Source sample: 22D1084-02 (Post Spike)							Prepared: 04/29/2022 Analyzed: 05/03/2022			
Aluminum	58.6		ug/mL	2.00	53.6	251	75-125	High Bias			
Antimony	0.288		"	0.250	0.006	113	75-125				
Arsenic	2.12		"	2.00	0.055	103	75-125				
Barium	3.62		"	2.00	1.40	111	75-125				
Beryllium	0.051		"	0.0500	-0.002	102	75-125				
Cadmium	0.055		"	0.0500	0.003	104	75-125				
Calcium	331		"	1.00	304	NR	75-125	High Bias			
Chromium	0.335		"	0.200	0.128	104	75-125				
Cobalt	0.587		"	0.500	0.056	106	75-125				
Copper	2.09		"	0.250	1.64	181	75-125	High Bias			
Iron	169		"	1.00	159	NR	75-125	High Bias			
Lead	2.23		"	0.500	1.57	132	75-125	High Bias			
Magnesium	43.9		"	1.00	40.5	347	75-125	High Bias			
Manganese	2.86		"	0.500	2.20	133	75-125	High Bias			
Nickel	0.643		"	0.500	0.119	105	75-125				
Potassium	12.3		"	1.00	10.7	167	75-125	High Bias			
Selenium	1.66		"	2.00	-0.114	83.0	75-125				
Silver	0.036		"	0.0500	-0.015	71.6	75-125	Low Bias			
Sodium	3.64		"	1.00	2.53	112	75-125				
Thallium	2.22		"	2.00	-0.074	111	75-125				
Vanadium	0.775		"	0.500	0.232	108	75-125				
Zinc	3.05		"	0.500	2.46	116	75-125				
Reference (BD21807-SRM1)								Prepared: 04/29/2022 Analyzed: 05/03/2022			
Aluminum	8430	5.00	mg/kg wet	10100		83.5	39.5-118.8				
Antimony	36.3	2.50	"	244		14.9	10-123				
Arsenic	106	1.50	"	109		96.9	63.7-118.3				
Barium	379	2.50	"	364		104	70.3-117				
Beryllium	56.4	0.050	"	57.0		98.9	69.3-115.4				
Cadmium	45.1	0.300	"	48.7		92.6	67.8-112.9				
Calcium	5020	5.00	"	5190		96.8	66.3-116.6				
Chromium	167	0.500	"	173		96.6	65.3-120.8				
Cobalt	148	0.400	"	148		100	70.3-117.6				
Copper	184	2.00	"	179		103	70.9-117.9				
Iron	12900	25.0	"	15000		85.8	36.8-162.7				
Lead	103	0.500	"	101		102	69.1-126.7				
Magnesium	2410	5.00	"	2570		93.6	56.4-124.9				
Manganese	369	0.500	"	370		99.7	72.2-119.2				
Nickel	60.2	1.00	"	52.2		115	63.4-117.8				
Potassium	2070	5.00	"	2420		85.5	49.6-118.6				
Selenium	73.6	2.50	"	104		70.8	58.5-122.1				
Silver	27.2	0.500	"	29.9		91.0	63.5-123.7				
Sodium	134	50.0	"	161		83.2	30.1-139.1				
Thallium	98.0	2.50	"	101		97.1	59.8-120.8				
Vanadium	184	1.00	"	194		94.9	73.2-117				
Zinc	414	2.50	"	431		96.1	74.9-121.1				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20155 - EPA 3015A/1311											
Blank (BE20155-BLK1)										Prepared: 05/03/2022 Analyzed: 05/04/2022	
Arsenic	ND	0.017	mg/L								
Barium	ND	0.028	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.006	"								
Lead	ND	0.006	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
LCS (BE20155-BS1)										Prepared: 05/03/2022 Analyzed: 05/04/2022	
Arsenic	1.90		ug/mL	2.00		95.2	80-120				
Barium	2.21		"	2.00		111	80-120				
Cadmium	0.050		"	0.0500		100	80-120				
Chromium	0.214		"	0.200		107	80-120				
Lead	0.537		"	0.500		107	80-120				
Selenium	1.68		"	2.00		84.0	80-120				
Silver	0.050		"	0.0500		101	80-120				
Duplicate (BE20155-DUP1)	*Source sample: 22D1304-11 (Duplicate)									Prepared: 05/03/2022 Analyzed: 05/04/2022	
Arsenic	ND	0.375	mg/L		ND					20	
Barium	0.685	0.625	"		0.631				8.16	20	
Cadmium	ND	0.075	"		ND					20	
Chromium	ND	0.125	"		ND					20	
Lead	0.190	0.125	"		0.281				38.9	20	Non-dir.
Selenium	ND	0.625	"		ND					20	
Silver	ND	0.125	"		ND					20	
Leach Fluid Blank (BE20155-LBK1)										Prepared: 05/03/2022 Analyzed: 05/04/2022	
Arsenic	ND	0.375	mg/L								
Barium	ND	0.625	"								
Cadmium	ND	0.075	"								
Chromium	ND	0.125	"								
Lead	ND	0.125	"								
Selenium	ND	0.625	"								
Silver	ND	0.125	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20155 - EPA 3015A/1311											
Matrix Spike (BE20155-MS1)	*Source sample: 22D1304-11 (Matrix Spike)									Prepared: 05/03/2022 Analyzed: 05/04/2022	
Arsenic	52.0	0.375	mg/L	50.0	ND	104	75-125				
Barium	58.3	0.625	"	50.0	0.631	115	75-125				
Cadmium	1.35	0.075	"	1.25	ND	108	75-125				
Chromium	5.61	0.125	"	5.00	ND	112	75-125				
Lead	14.4	0.125	"	12.5	0.281	113	75-125				
Selenium	46.5	0.625	"	50.0	ND	93.0	75-125				
Silver	1.35	0.125	"	1.25	ND	108	75-125				
Post Spike (BE20155-PS1)	*Source sample: 22D1304-11 (Post Spike)									Prepared: 05/03/2022 Analyzed: 05/04/2022	
Arsenic	1.79		ug/mL	2.00	-0.054	89.5	75-125				
Barium	1.97		"	2.00	0.126	92.2	75-125				
Cadmium	0.046		"	0.0500	0.00008	92.2	75-125				
Chromium	0.191		"	0.200	0.020	85.4	75-125				
Lead	0.493		"	0.500	0.056	87.4	75-125				
Selenium	1.59		"	2.00	0.022	78.6	75-125				
Silver	0.045		"	0.0500	0.009	71.8	75-125	Low Bias			

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21725 - EPA SW846-7470A											
Blank (BD21725-BLK1)								Prepared & Analyzed: 04/28/2022			
Mercury	ND	0.000200	mg/L								
Blank (BD21725-BLK2)								Prepared & Analyzed: 04/28/2022			
Mercury	ND	0.000200	mg/L								
LCS (BD21725-BS1)								Prepared & Analyzed: 04/28/2022			
Mercury	0.00189	0.000200	mg/L	0.00200		94.7	80-120				
LCS (BD21725-BS2)								Prepared & Analyzed: 04/28/2022			
Mercury	0.00208	0.000200	mg/L	0.00200		104	80-120				
Batch BD21776 - EPA 7473 soil											
Blank (BD21776-BLK1)								Prepared & Analyzed: 04/29/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BD21776-DUP1)	*Source sample: 22D1086-01 (Duplicate)							Prepared & Analyzed: 04/29/2022			
Mercury	0.139	0.0337	mg/kg dry		0.219				44.6	35	Non-dir.
Matrix Spike (BD21776-MS1)	*Source sample: 22D1086-01 (Matrix Spike)							Prepared & Analyzed: 04/29/2022			
Mercury	0.540		mg/kg	0.500	0.195	69.1	75-125	Low Bias			
Reference (BD21776-SRM1)								Prepared & Analyzed: 04/29/2022			
Mercury	31.517		mg/kg	27.2		116	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21677 - Analysis Preparation Soil											
Blank (BD21677-BLK1)								Prepared & Analyzed: 04/28/2022			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BD21677-DUP1)	*Source sample: 22D1231-07 (Duplicate)							Prepared & Analyzed: 04/28/2022			
Cyanide, total	ND	0.534	mg/kg dry		ND					15	
Matrix Spike (BD21677-MS1)	*Source sample: 22D1231-07 (Matrix Spike)							Prepared & Analyzed: 04/28/2022			
Cyanide, total	8.74	0.534	mg/kg dry	10.7	ND	81.8	79.6-107				
Reference (BD21677-SRM1)								Prepared & Analyzed: 04/28/2022			
Cyanide, total	78.0		ug/mL	86.8		89.9	41.82-157.83				
Batch BD21735 - Analysis Preparation											
Duplicate (BD21735-DUP1)	*Source sample: 22D1027-01 (Duplicate)							Prepared & Analyzed: 04/28/2022			
pH	5.96	0.500	pH units		5.88				1.35	10	

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21460 - Analysis Preparation											
Reference (BD21460-SRM1)								Prepared & Analyzed: 04/25/2022			
Flashpoint	114		°F	115		99.5	96.5-103.5				
Batch BD21612 - % Solids Prep											
Duplicate (BD21612-DUP1)	*Source sample: 22D1244-05 (Duplicate)							Prepared & Analyzed: 04/27/2022			
% Solids	85.8	0.100	%		85.8				0.00804	20	

Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21506 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BD21506-BLK1)									Prepared: 04/25/2022 Analyzed: 04/26/2022		
TCLP Extraction	Completed	1.00	N/A								
Batch BD21507 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BD21507-BLK1)									Prepared: 04/25/2022 Analyzed: 04/26/2022		
TCLP Extraction	Completed	1.00	N/A								
Batch BD21746 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BD21746-BLK1)									Prepared: 04/28/2022 Analyzed: 04/29/2022		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D1087-01	WC-1 Composite	8 oz. WM Clear Glass Cool to 4° C
22D1087-01	WC-1 Composite	40mL 01_Clear Vial Cool to 4° C
22D1087-02	WC-2 Composite	8 oz. WM Clear Glass Cool to 4° C
22D1087-02	WC-2 Composite	40mL 01_Clear Vial Cool to 4° C
22D1087-03	WC-1 @ 4'	40mL Vial with Stir Bar-Cool 4° C
22D1087-04	WC-2 @ 4'	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
S-08	The recovery of this surrogate was outside of QC limits.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
F-01	> 200

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22D1087

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company: Laurel Environmental Geosciences	Company: Laurel Environmental	Company: Laurel Environmental
Address: 53 W. Hills Rd., Suite #1 Huntington Station, NY	Address:	Address:
Phone: (631) 673-0612	Phone:	Phone:
Contact: Scott Yanuck	Contact: Scott Yanuck	Contact: Kathy Lobasso
Email: labresults@laurelenv.com	E-mail:	E-mail:

YOUR Project Number:

YOUR Project Name: 9 North 15th street, Brooklyn, NY

YOUR PO#: 21-435.3

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Michael Oliver

M Oliver

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-1 Composite	S	4/21/22 13:00	~~8260~~, PCBs, 8 RCRA Metals, TPHs, Flashpoint, PH, Cyanides, & PAHs	(4) 40mL, (1) 2oz, (1) 4oz, (1) 8oz
WC-2 Composite	↓	↓ 13:00		
WC-1 @ ~~5~~ 4'	S	4/21/22 ~~09:40~~ 11:45	8260	(4) 40mL
WC-2 @ 4'	↓	↓ 11:00	↓	↓

Comments: ~~* Run all Samples with listed analytes *~~

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: DI Water

Special Instruction

Field Filtered
Lab to Filter

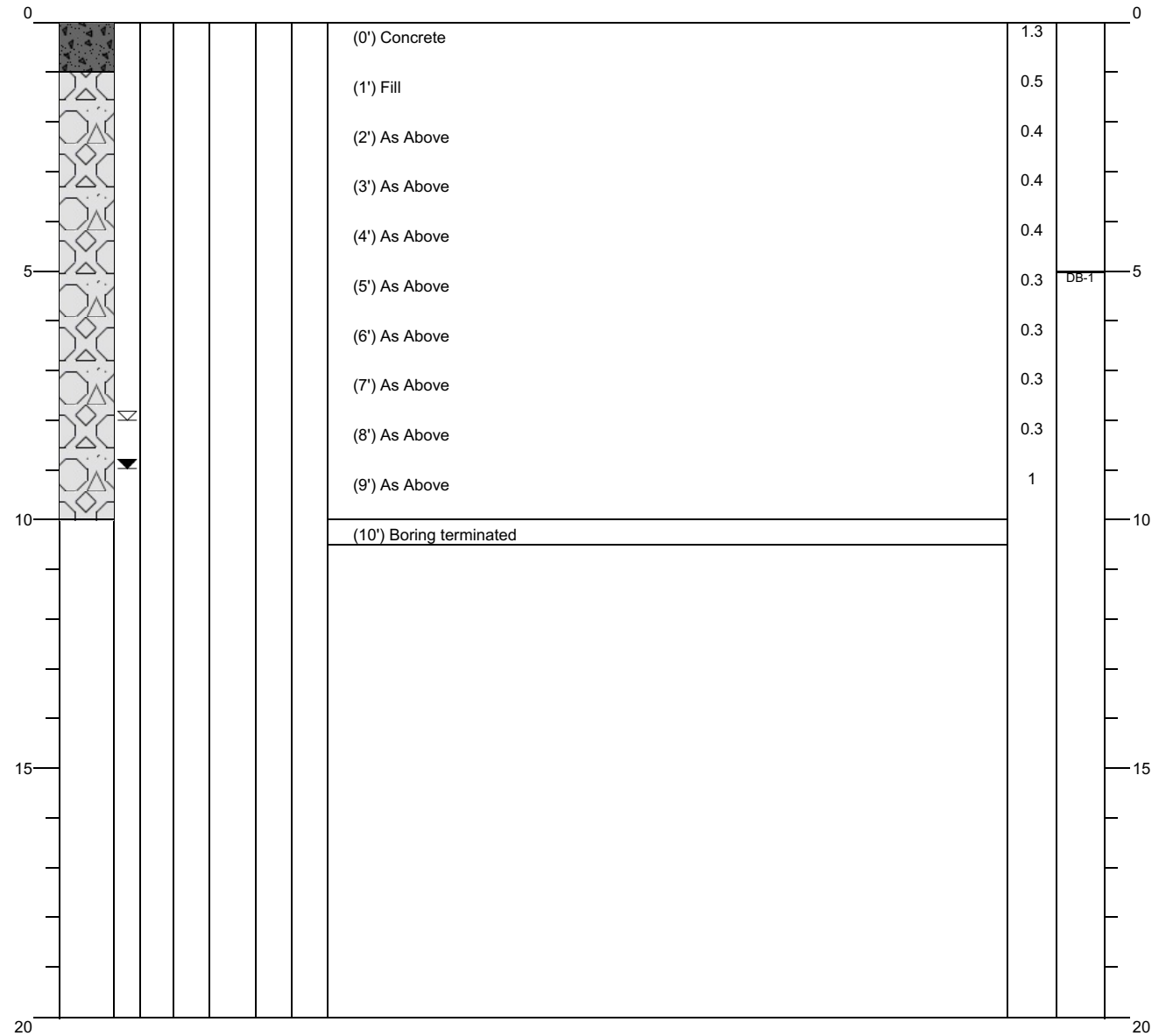
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Oliver/Laurel Environmental	4/22/22 09:00	KBarkyok	4/22/22 950AM	KBarkyok	4/22/22 1628
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				TJale	4/22/22 1628 2.0 Degrees C

APPENDIX E

Lithologic Logs

Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-1 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**8.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**8.98**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**



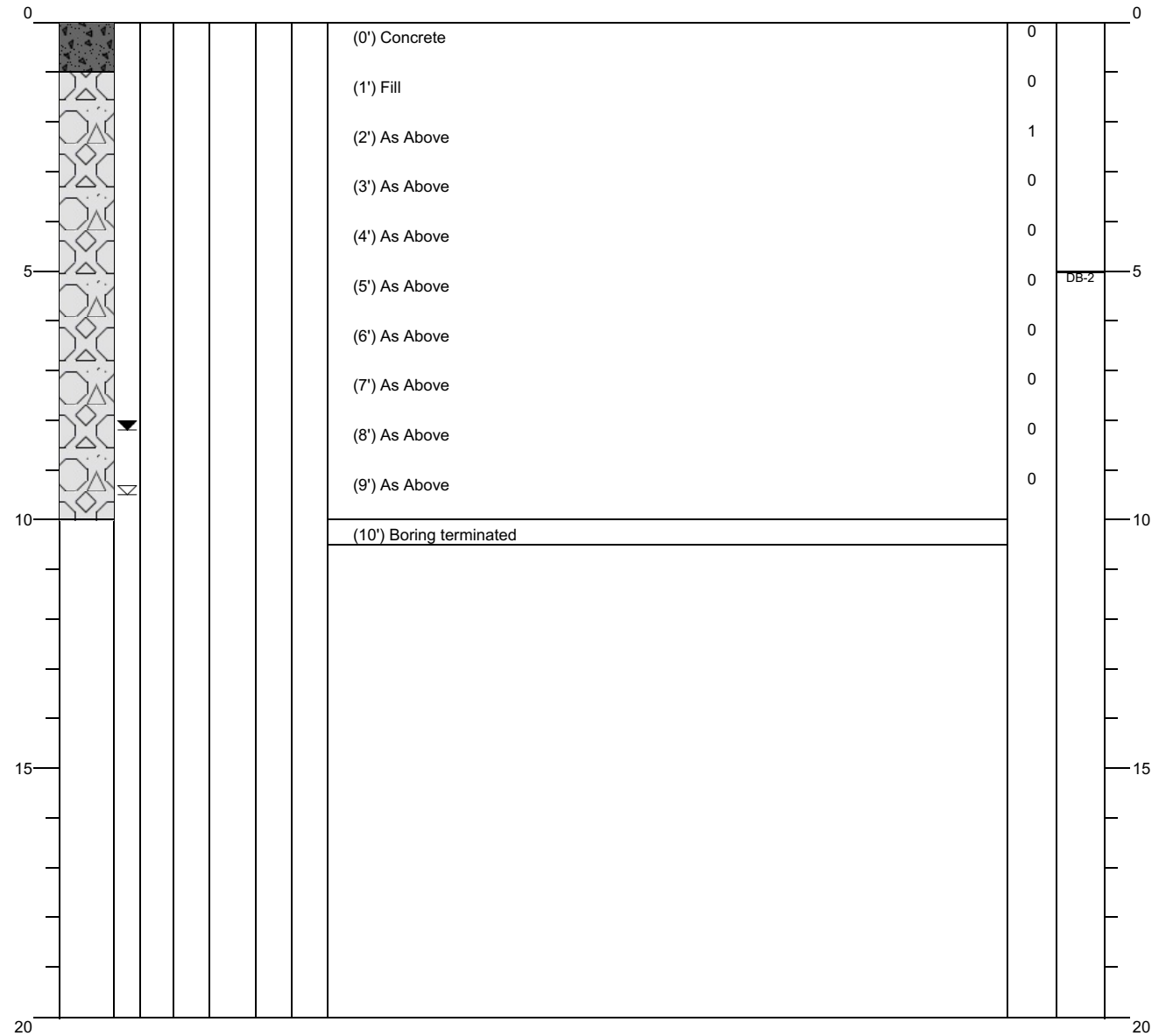
NOTES:

Checked by: Jamie Burgher

generated using LogitEasy.com

Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-2 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.5**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**8.19**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**



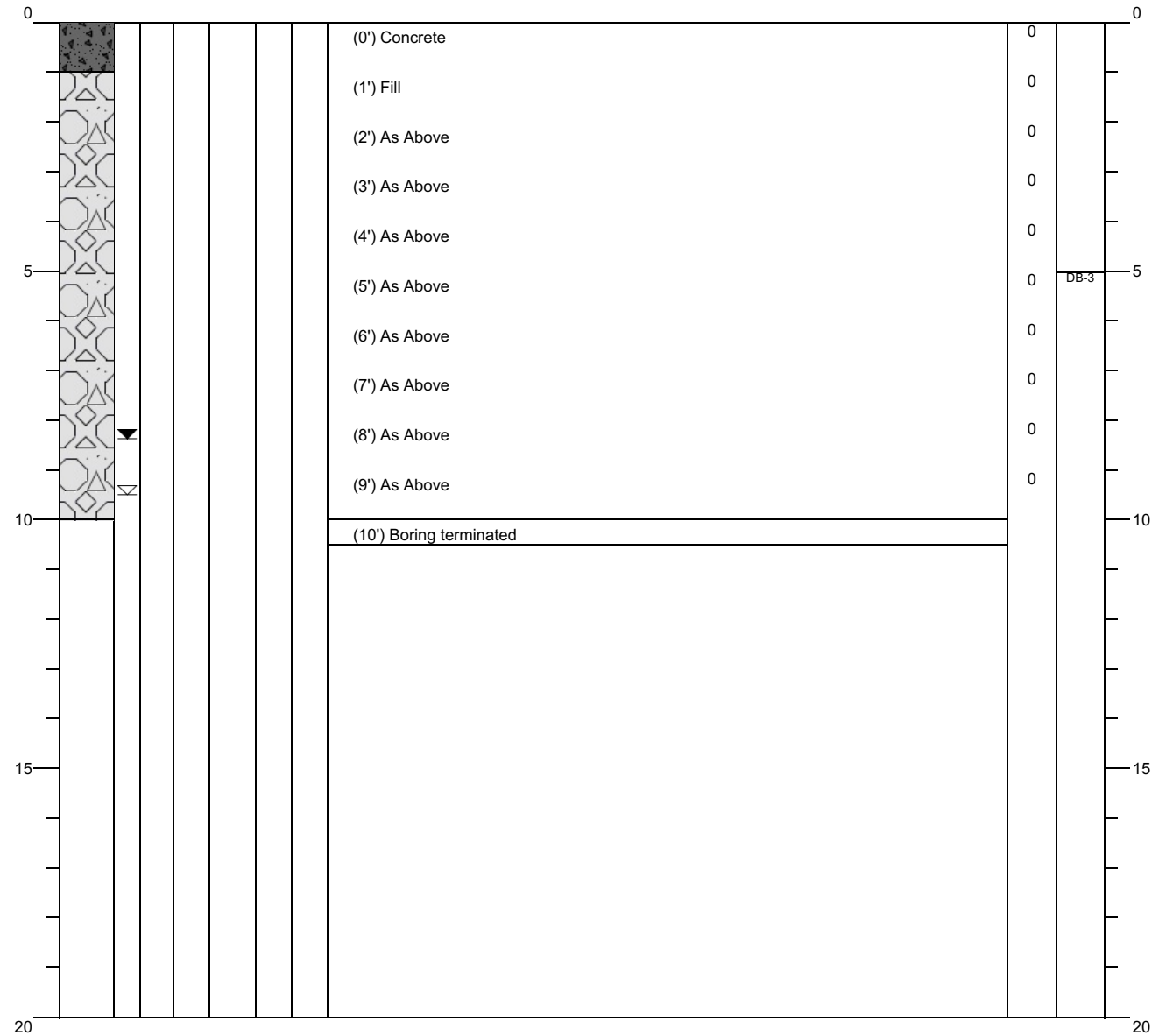
NOTES:

Checked by: Jamie Burgher

generated using LogitEasy.com

Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-3 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.5**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**8.37**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**



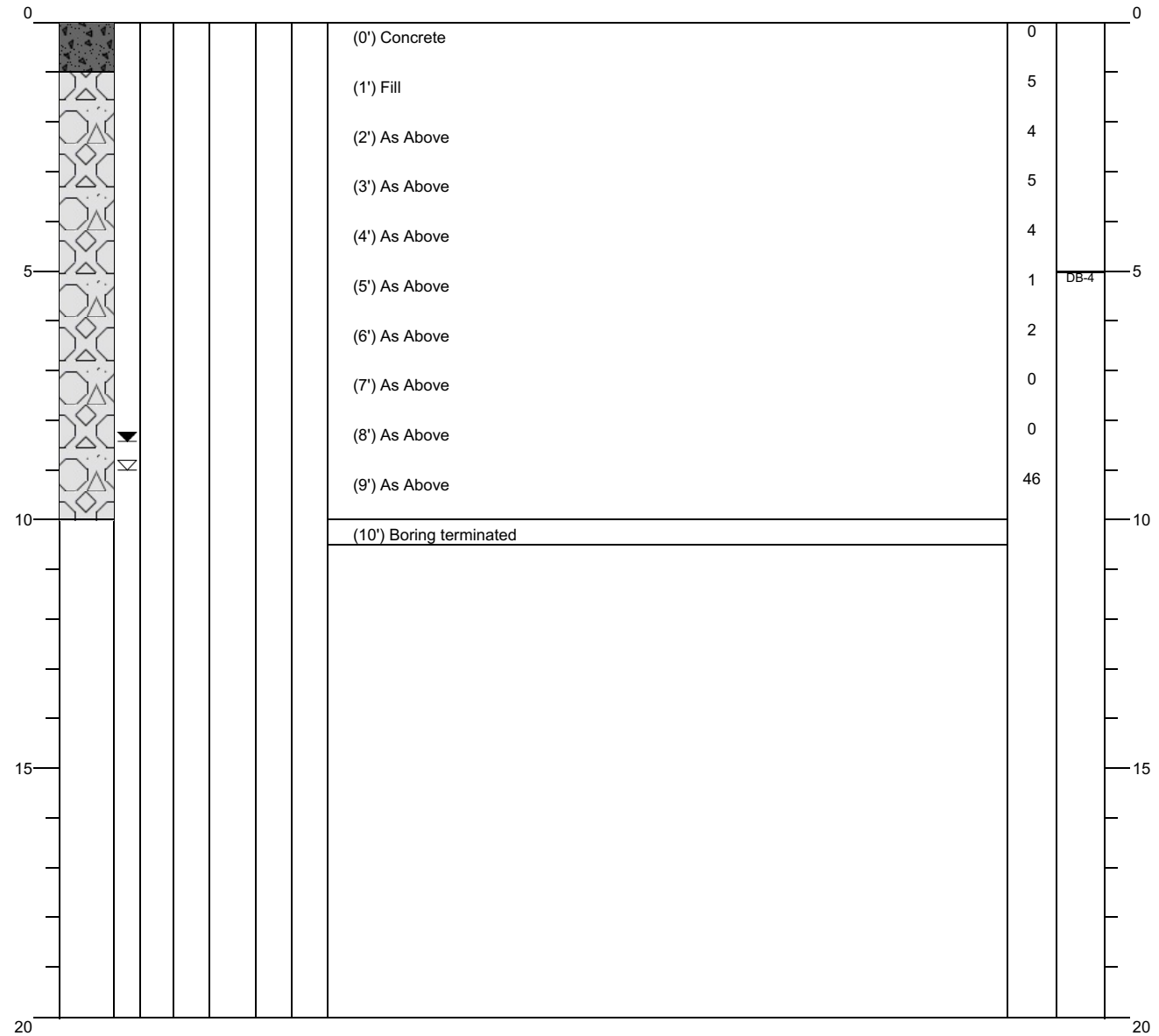
NOTES:

Checked by: Jamie Burgher

generated using LogitEasy.com

Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-4 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**8.43**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**



NOTES:

Checked by: Jamie Burgher

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**WELL LOG** **Well No.** DB-5 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**	Well Depth (ft):	
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**	Well Diameter (in):	
Drilling Company:	**Laurel Environmental**	Sampling Method(s):		Screen Slot (in):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.5**	Riser Material:	
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**	Screen Material:	
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**	Seal Material(s):	
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**	Filter Pack:	

DEPTH (ft)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	4.5		0
								(1') Fill	5.1		
								(2') As Above	7.4		
								(3') As Above	2.8		
								(4') As Above	6.1		
5								(5') As Above	1.4		5
								(6') As Above	1.3		
								(7') As Above	1.3		
								(8') As Above	0.3	DB-5	
								(9') As Above	19.5		
10								(10') Boring terminated			10
15											15
20											20

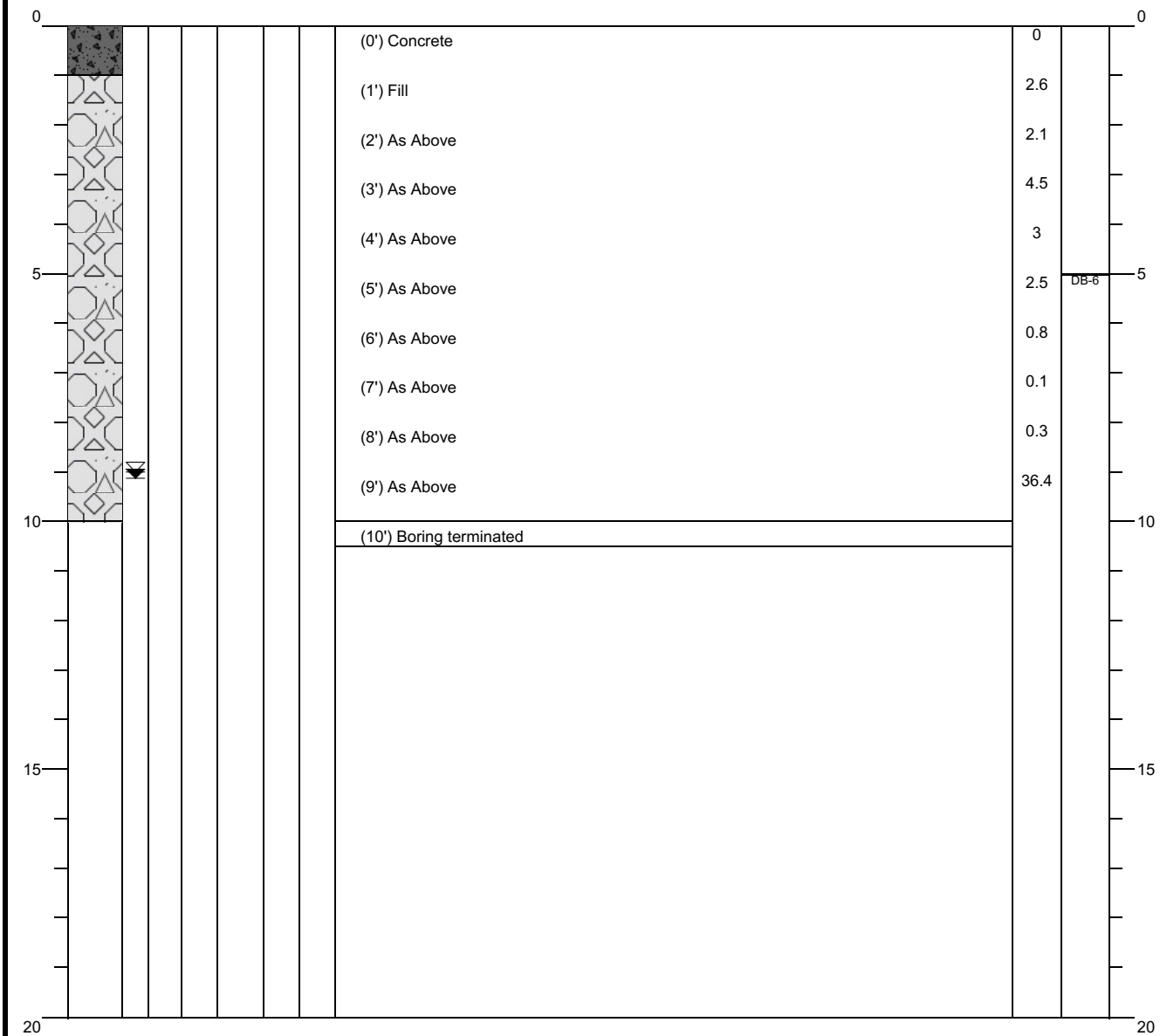
NOTES:

Checked by: Jamie Burgher

generated using LogitEasy.com

Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-6 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**9.12**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**



NOTES:

Checked by: Jamie Burgher

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-7 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	0.5		0
								(1') Fill	18.3		
								(2') As Above	18.7		
								(3') As Above	7.8		
								(4') As Above	22.6		
5								(5') As Above	11.3		5
								(6') As Above	10.4		
								(7') As Above	1		
								(8') As Above	0.6	DB-7	
								(9') As Above	25.5		
10								(10') Boring terminated			10
15											15
20											20

NOTES:

Checked by: Jamie Burgher

generated using LogitEasy.com

Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-8 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	1.9		0
								(1') Fill	6.4		
								(2') As Above	5.3		
								(3') As Above	8.7		
								(4') As Above	4		
5								(5') As Above	6.2		5
								(6') As Above	1.8		
								(7') As Above	0.9		
								(8') As Above	0.5	DB-8	
								(9') As Above	14.4		
10								(10') Boring terminated			10
15											15
20											20

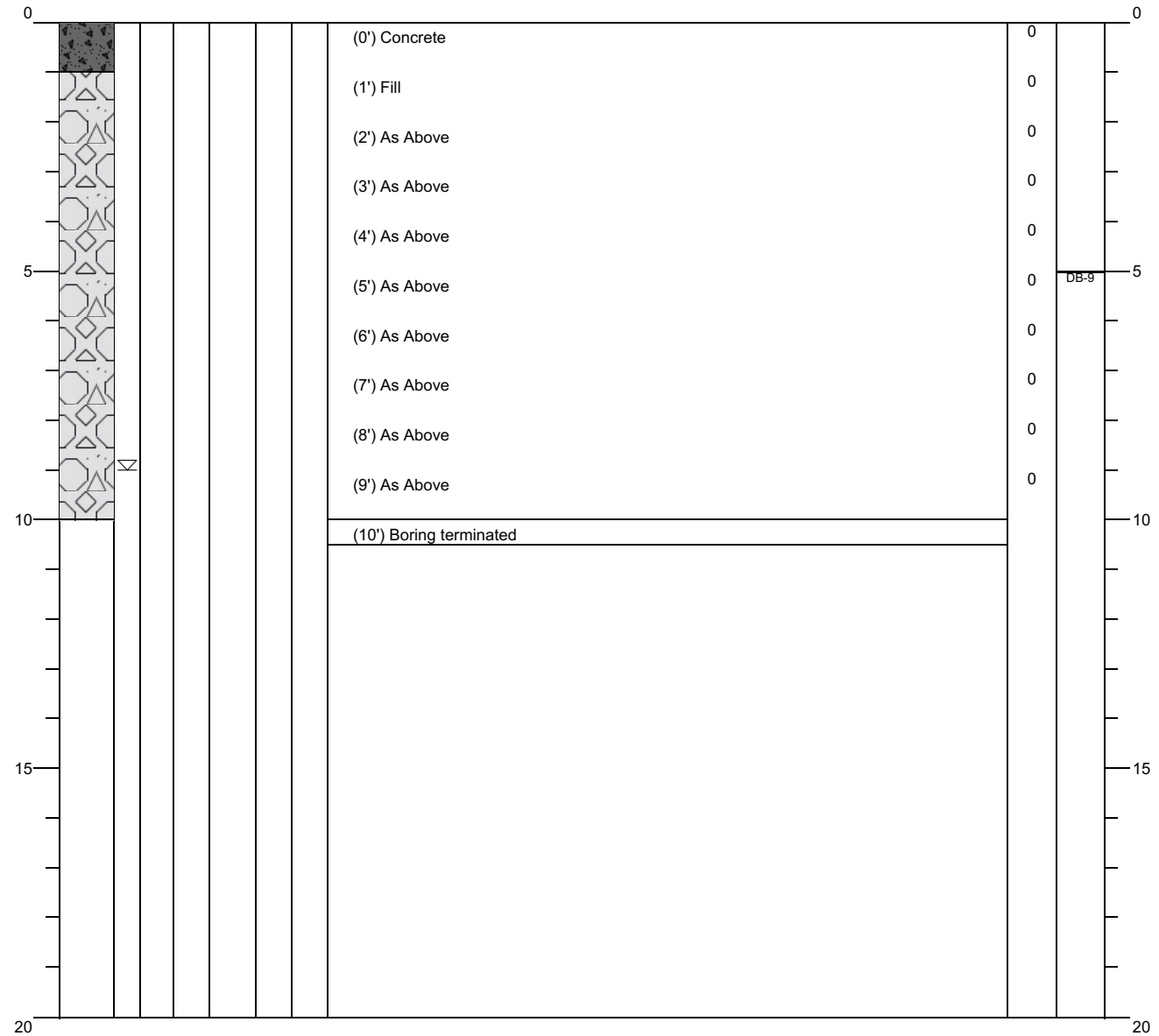
NOTES:

Checked by: Jamie Burgher

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-9 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**



NOTES:

Checked by: Jamie Burgher

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-10 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.5**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	0.7		0
								(1') Fill	10		
								(2') As Above	9.3		
								(3') As Above	6.1		
								(4') As Above	7.7		
5								(5') As Above	4.6		5
								(6') As Above	3.5		
								(7') As Above	1.7		
								(8') As Above	0.7	DB-10	
								(9') As Above	1.6		
10								(10') Boring terminated			10
15											15
20											20

NOTES:

Checked by: Jamie Burgher

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-11 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	0.6		0
								(1') Fill	32.1		
								(2') As Above	20.4		
								(3') As Above	50.4		
								(4') As Above	15.9		
5								(5') As Above	39.7		5
								(6') As Above	11.8		
								(7') As Above	4.2		
								(8') As Above	1.9	DB-11	
								(9') As Above	1.1		
10								(10') Boring terminated			10
15											15
20											20

NOTES: Petroleum odor was observed

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-12 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**8.5**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	0.7		0
								(1') Fill	22.1		
								(2') As Above	20		
								(3') As Above	37.3		
								(4') As Above	4.4		
5								(5') As Above	12.9		5
								(6') As Above	4.2		
								(7') As Above	0.9		
								(8') As Above	0.5	DB-12	
								(9') As Above	86.8		
10								(10') Boring terminated			10
15											15
20											20

NOTES:

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-13 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	0.7		0
								(1') Fill	5.5		
								(2') As Above	2.6		
								(3') As Above	5.1		
								(4') As Above	1.6		
5								(5') As Above	1.6		5
								(6') As Above	1.1		
								(7') As Above	0.4	DB-13	
								(8') As Above	0.4		
								(9') As Above	14.3		
10								(10') Boring terminated			10
15											15
20											20

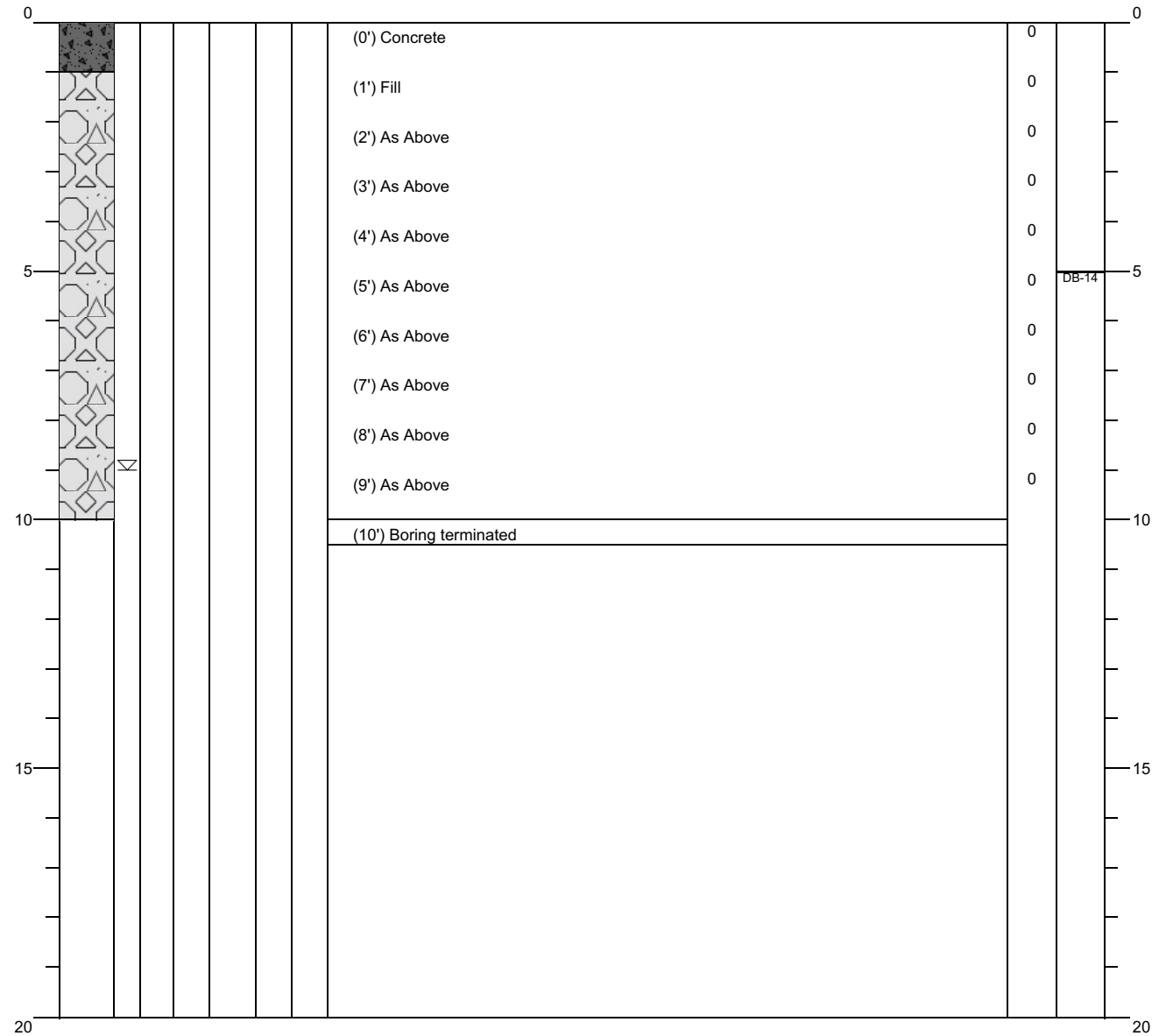
NOTES:

Checked by: Jamie Burgher

generated using LogitEasy.com

Laurel Environmental Geosciences, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-14 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**



NOTES:

Checked by: Jamie Burgher

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-15 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**9.0**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	0.5		0
								(1') Fill	19.4		
								(2') As Above	10.6		
								(3') As Above	7.2		
								(4') As Above	26.4		
5								(5') As Above	7		5
								(6') As Above	1.7		
								(7') As Above	4		
								(8') As Above	1.5	DB-15	
								(9') As Above	11.3		
10								(10') Boring terminated			10
15											15
20											20

NOTES:

Checked by: Jamie Burgher

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Laurel ENVIRONMENTAL GEOSCIENCES, D.P.C.	**Client:** Seen Media Group, LLC **Project:** Linaire Sheet Metal Corporation **Address:** 9 North 15th Street, Brooklyn, NY	**BORING LOG** **Boring No.** DB-16 **Page:** 1 of 1

Drilling Start Date:	**4/21/2022**	Boring Depth (ft):	**10.0**
Drilling End Date:	**4/21/2022**	Boring Diameter (in):	**2.00**
Drilling Company:	**Laurel Environmental**	Sampling Method(s):	
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**8.5**
Drilling Equipment:	**Geoprobe**	DTW After Drilling (ft):	**N/A**
Driller:	**Luke Reiss**	Ground Surface Elev. (ft):	**N/A**
Logged By:	**Andre Matthews**	Location (Lat, Long):	**N/A**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft)
0								(0') Concrete	0.5		0
								(1') Fill	1.4		
								(2') As Above	1		
								(3') As Above	2.6		
								(4') As Above	1.9		
5								(5') As Above	1		5
								(6') As Above	1	DB-16	
								(7') As Above	0.6		
								(8') As Above	0.8		
								(9') As Above	11.7		
10								(10') Boring terminated			10
15											15
20											20

NOTES:

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Laurel
ENVIRONMENTAL GEOSCIENCES, D.P.C.

BORING AND WELL LOG LEGEND

SURFACE
- ASPHALT
- CONCRETE
- FILL
- TOPSOIL
- AIR
- ICE

USCS
- Well-graded GRAVEL (GW)
- Poorly graded GRAVEL (GP)
- Silty GRAVEL (GM)
- Clayey GRAVEL (GC)
- Silty, Clayey GRAVEL (GC-GM)
- Well-graded GRAVEL with silt (GW-GM)
- Poorly graded GRAVEL with silt (GP-GM)
- Well-graded GRAVEL with clay (GW-GC)
- Poorly graded GRAVEL with clay (GP-GC)
- Well-graded SAND (SW)
- Poorly graded SAND (SP)
- Silty SAND (SM)
- Clayey SAND (SC)
- Silty, Clayey SAND (SC-SM)
- Well-graded SAND with silt (SW-SM)
- Poorly graded SAND with silt (SP-SM)
- Well-graded SAND with clay (SW-SC)
- Poorly graded SAND with clay (SP-SC)
- SILT (ML)
- Lean CLAY (CL)
- Silty CLAY (CL-ML)
- Organic SOIL (OL)
- Elastic SILT (MH)
- Fat CLAY (CH)
- Organic SOIL (OH)
- Organic SOIL (OL/OH)
- PEAT (PT)
- BEDROCK
- IGNEOUS Rock
- METAMORPHIC Rock
- SEDIMENTARY Rock
- WATER

Non-USCS
- Gravel
- Sand
- Silt
- Clayey Silt
- Silt & Clay
- Clay & Silt
- Silty Clay
- Clay
- Boulders
- Cobbles
- Peastone
- Glacial Till
- Iron Ore
- Wood
- Peat
- Saprolite
- Ash
- Waste

Volume Descriptors
- Trace = <5%
- Few = 5-10%
- Little = 15-25%
- Some = 30-45%
- Mostly = >=50%

Water Levels
- Water Level During Drilling
- Water Level at End of Drilling/in Completed Well

Well/Boring Completion
- Cap
- Riser
- Screen
- End Plug
- Annular Seal
- Sanitary Seal (Bentonite Slurry/Chips/Pellets/Powder, Other)
- Filter Pack (Sand, Gravel, Other)
- Backfill

Sample Type
- GR — Grab
- EN — Encore
- SS — Split Spoon
- SH — Shelby Tube
- CO — Core Barrel
- DP — Direct Push
- ID — Lab Sample and ID