DT CONSULTING SERVICES, INC. & BELLUCCI ENGINEERING, PLLC

Site Characterization Report

77 Cornell Street
Kingston, New York

SITE NUMBER 356061

October 6, 2022

DT CONSULTING SERVICES, INC.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484
dtconsulting@hvc.rr.com

October 6, 2022

Mr. Michael Kilmer
New York State Department of Environmental Conservation
Division of Environmental Remediation
21 South Putt Corners Road
New Paltz, New York 12561

RE: *Site Characterization Report*
77 Cornell Street
Kingston, Ulster County, New York
Site No.: 356061

Dear Mr. Kilmer:

DT Consulting Services, Inc. (DTCS) and Bellucci Engineering, PLLC are pleased to present this *Site Characterization Report* for the above referenced property. This report documents the additional Site characterization work conducted at the Site as outlined in the March 11, 2022, *Site Characterization/Interim Remedial Measure Work Plan.* A Subslab Depressurization System (SSDS) Design Document is being prepared under a separate cover and will be submitted to NYSDEC. If you should have any questions or require additional information, please contact our office.

Respectfully submitted,

Daniel Bellucci, P.E.
Bellucci Engineering, PLLC

Deborah Thompson, Senior Geologist
DT Consulting Services, Inc.

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1.0 INTRODUCTION AND BACKGROUND

This Site Characterization (SC) Report has been prepared in accordance with the approved *SC - Interim Remedial Measure (IRM) Work Plan* dated March 11, 2022. The Subject Property is located at 77 Cornell Street in the City of Kingston, Ulster County, New York (heretofore referenced as the Site or Subject Property). Refer to Figure 1 for a Site Location Map. The Site is not currently listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State (the Registry). Prior investigation activities have been conducted on the Site and the results of those investigations were submitted to the New York State Department of Environmental Conservation (NYSDEC or Department). Based upon these results, the Department has designated the Site as Site Number 356061with a Classification of "P" pursuant to ECL 27-1305.

After the Department's review and approval of this SC Report, implementation of the Sub-slab Depressurization System (SSDS) IRM (a *SSDS Design Document* is being prepared under a separate cover) and preparation of a Site Management Plan, the Department will issue a Satisfactory Completion/No Further Action Letter and remove the P-Site designation for the Site. All investigative/interim remedial work was performed in accordance with an executed NYSDEC Order on Consent, Index Number CO 3-20210222-26.

The purpose of the SC work was to provide documentation of soil and soil gas quality along the perimeter of the Site's property boundaries, to document local groundwater quality conditions and to provide additional soil vapor and indoor air data to aid in the SSDS design. Pilot testing for a SSDS was performed in October 2020 to document the effectiveness of a SSDS as a vapor intrusion mitigation system for the building. A SSDS, based upon current data, is the preferred IRM for the Site and the proposed installation details will be included in the SSDS Design Document.

The Site is the location of past chlorinated solvent release, identified in previous subsurface investigative reports.

2.0 SITE INFORMATION

The Subject Property contains a regular shaped lot which encompasses an area of approximately 0.88 acres along the southwest corner of the intersection of Smith Avenue and Cornell Street. The Site, also known as The Shirt Factory, is improved with 4-story building occupied by 62 tenant spaces for commercial and residential use. On-Site operations consist of artist loft/studios, professional offices and storage activities, and associated property maintenance. A partial basement is located along the southern portion of the Site structure. Areas surrounding the building include asphalt paved parking surfaces, concrete walkways and landscape spaces. Land-use surrounding the Subject Property is primarily characterized by residential and commercial development. The following table lists the abutting properties (See **Figure 2** – Surrounding Land Use Map):

Location	Occupant
North	Smith Avenue & Residences
South	Cornell Street & Tremper Avenue. USPS (90 Cornell Street to the Southeast)
East	Cornell Street & USPS (90 Cornell Street)
West	Residences along Ardsley Street & Smith Avenue

Site topography is relatively flat, and at grade with the surrounding roadways. Electric and gas services is supplied by Central Hudson Gas & Electric, while potable water and sanitary services are supplied by The City of Kingston (Municipal). No groundwater supply wells were observed on the Site by representatives of this office during Site inspections and no groundwater supply wells are known to be present or used on adjoining or nearby properties. Surface water runoff enters catch basins located throughout the property which appear to discharge into the municipal storm sewer system.

A Phase I Environmental Site Assessment (ESA) performed by Partner Engineering & Science (Partner) was performed in November 2018. As summarized in a January 2019 Phase II Subsurface Investigation Report prepared by Partner, the following areas of potential environmental concern and/or "recognized environmental conditions (REC)" were identified and are associated with the Subject Property:

- The Subject Property identified as Gant Shirt Makers at 77 Cornell Street is identified on the New York Drycleaners database under Facility ID 3-5108-00012. Based on a review of historical sources, this tenant operated onsite roughly between 1968 and 1979, a time of limited to no regulatory oversight. Additionally, former tenants including Not Fade Away Tie Die and QDP Electronics, utilized hazardous wastes, including benzene, ignitable wastes and tetrachloroethylene (PCE) on Site from at least 1982 through 1999 +/-. Dry cleaning operations typically use chlorinated

solvents, particularly PCE, during the dry-cleaning process. These solvents, even when properly stored and disposed of, can be released from these facilities in small, frequent releases through floor drains, cracked concrete and sewer systems. Chlorinated solvents are highly mobile chemicals that can easily accumulate in the soil and migrate to the groundwater beneath a facility. Based on the confirmed use of chlorinated solvents, including PCE, at the Site for approximately 30 years, the historical use of the subject property is considered a REC.

- Partner observed a suspected vent pipe along the eastern façade of the subject property building along Cornell Street. Its location does not correspond with the reported location of the heating oil UST formerly located in the parking lot. Given the absence of aboveground storage tanks (ASTs) in the basement, the suspect vent pipe is considered a REC.

The Phase I identified the following historical recognized environmental condition (HREC) associated with the subject property:

- The Subject Property was formerly equipped with one 5,000-gallon No. 2 fuel oil UST located to the south of the current building. The tank failed a tightness test due to small ullage leak and Spill Number 1000041 was reported to the New York State Department of Environmental Conservation (NYSDEC) in April 2010. Partner was provided with a Tank Removal & Closure Report prepared by Enviro Clean Services, LLC (ECS) in August 2010. According to the ECS report, the tank was re-tested and failed again on June 9, 2010. The tank was cut open, pumped out and cleaned. The tank was excavated and removed from the tank pit, with no significant pitting and/or "rush through" perforations observed by ECS. According to ECS, petroleum-contaminated soils (PCS) were not visually observed in the tank pit, and photoionization detector (PID) readings did not indicate the presence of PCS in the excavation. Four grab samples were collected from the pit walls and one two-point composite sample was collected from the bottom of the excavation. These samples were analyzed for volatile organic compounds (VOCs) and semi- volatile organic compounds (SVOCs). The soil samples from the north and south pit walls exhibited concentrations of the VOCs 1,2,4-trimethylbenzene and naphthalene [2.2 to 2.7 micrograms per kilogram (ug/kg) and 12.0 to 29.0 ug/kg, respectively]. No other VOCs were detected in the soil samples. The east pit wall exhibited low levels of five SVOCs, ranging from 0.30 to 1.10 parts per million (ppm). ECS stated that as the site is served by municipal water and sewer and no sensitive receptors are located in the vicinity, no further excavation of the remaining impacted soils would be necessary. ECS requested a letter of No Further Action (NFA) from the NYSDEC for Spill Number 1000041, and the case was granted regulatory closure in October 2010. Based on the removal of the tank and regulatory closure, this former UST and

associated spill case are considered an HREC for which no further action is necessary.

1. Phase II Subsurface Investigation Report, January 3, 2019.
   Partner Engineering & Science

The Partner subsurface investigation entailed performing a geophysical survey to pre-clear borings, scan for potential USTs, and collection of soil sub-slab soil gas samples from beneath the slab of the Site structure. Pertinent findings documented in the Partner's field study included the following:

- The results of the geophysical survey did not indicate the presence of USTs in the areas of the property that were scanned. Due to the presence of subsurface utilities in the location of the former 5,000-gallon fuel oil UST, exterior soil borings could not be advanced in this location.

- A total of three sub-slab soil gas sample were collected from beneath the building. Two samples were collected from the southern portion of the building and one sample was collected from the northern portion of the building. The soil gas samples were submitted for VOC analysis by EPA Method TO-15. Trichloroethylene (TCE) was detected in soil vapor sample SVP-3 (northern portion of the building) at 88.1 micrograms per cubic meter ($\mu g/m^3$). This concentration exceeds the New York State Department of Health (NYSDOH) Matrix A concentration of 60 $\mu g/m^3$, with the resulting recommendation of mitigation. TCE was detected in SVP-1 at a concentration of 15.2 $\mu g/m^3$, which corresponds to a NYSDOH recommendation of no further action, monitor and mitigate, depending on the indoor air concentration.

2. Vapor Sampling Results Report, January 18, 2019.
   PSG Engineering, D.P.C. (PSG)

Based on the findings of the Phase II Subsurface Investigation, Partner recommended further investigation to assess soil gas and indoor air. PSG completed the additional investigation work as summarized in a Vapor Sampling Results Summary Report, dated January 18, 2019. Pertinent findings from the report include the following:

- One sub-slab soil vapor sample was collected from the central portion of the building. TCE was detected at a concentration of 115 $\mu g/m^3$ in the soil gas sample designated SSSG-MIDSTAIR, above the NYSDOH Matrix A concentration of 60 $\mu g/m^3$, with the resulting recommendation of mitigation.

- A total of four indoor air and one ambient air sample were collected from the Subject Property. Of note, TCE was detected in one of the five samples collected at a concentration of 2.57 $\mu g/m^3$. This sample, designated "Unit 109", was collected from the central portion of the building. The concentration is above the NYSDOH

guideline which requires additional investigation or mitigation but is below the immediate action level of 20 μg/m^3. TCE was not detected in the remaining indoor and ambient air samples.

Based on the results of the investigation, PSG recommended that a mitigation system, such as a SSDS, be installed to address the vapor intrusion concerns at the Site.

3. Subsurface Investigation Report, January 5, 2021.
   DT Consulting Services, Inc. (DTCS)

DTCS submitted all environmental reporting generated on the Subject Property to Mr. Michael Kilmer of the NYSDEC for review and comment on November 6, 2020. Mr. Kilmer responded to the submittal, also on November 6, 2020, requesting that soil and groundwater data be collected on-Site prior to proceeding with regulatory review.

- A total of six soil borings were advanced throughout the property using a direct push drill rig. Three soil borings were converted into temporary monitoring wells for groundwater sampling. A total of six soil and three groundwater samples were collected from the Site for laboratory analysis of VOCs by EPA Method 8260.

- Upon review of analytical testing results, DTCS concluded that all soil boring locations were returned with either non-detectable concentrations of VOCs or with reported values which met unrestricted soil cleanup objectives (SCOs) as defined in NYSDEC 6 NYCRR Part 375 – Environmental Remediation Programs; Subpart 375-6.

- Analysis of groundwater collected from the temporary Site wells constructed in Soil Borings SB-3, SB-4 and SB-5 revealed detectable levels of Chloroform, PCE, and TCE which only slightly exceed NYSDEC TOGS 1.1.1., Class GA groundwater quality standards. The remaining VOCs were returned with either non-detectable sample concentrations or with reported concentrations below guidance.

This report summarizes the additional Site characterization field study conducted at the Site between April 5 and April 6, 2022. The purpose of the Site Characterization is to confirm groundwater quality within existing on-Site monitoring wells, confirm that there are no potential off-Site soil vapor impacts, and to collect sufficient data to design the appropriate SSDS to mitigate any vapor intrusion beneath the footprint of the Site structure.

3.0 ADDITIONAL SITE CHARACTERIZATION

3.1 SOIL BORINGS

In an effort to determine potential for off-Site contamination, a total of seven soil borings were advanced along the property boundaries. See **Figure 3** for the soil boring locations.

On April 5 and 6, 2022, DTCS oversaw advancement of the investigative borings on the Site. The on-Site geologist/engineer screened the soil samples for environmental impacts and collected samples for laboratory analysis. All field work associated with the soil sampling program complied with the safety guidelines outlined in the Community Air Monitoring Program or (CAMP). The investigative borings were advanced to a depth of 25-feet below ground surface (bgs) using direct push Geoprobe drill rigs advancing four or five foot macro core sample tooling systems. Soil was collected continuously to the boring termination depth using disposable acetate sleeves. Each sample was screened for organic vapors with a photo-ionization detector (PID) and evaluated for visual and olfactory indications of environmental impacts. Soil descriptions and PID readings were recorded in boring logs included as **Appendix A**.

One shallow soil sample and one deep soil sample from the groundwater interface were collected from each soil boring. Table 2.1 below summarizes the soil sample designation and collection depths.

Table 3.1

Soil Sample Designation	Soil Sample Depth (Feet bgs)
SB-1A	2-4
SB-1B	15-17
SB-2A	2-4
SB-2B	15-17
SB-3A	2-4
SB-3B	15-17
SB-4A	2-4
SB-4B	15-17
SB-5A	2-4
SB-5B[1]	15-17
SB-6A	2-4
SB-6B	14-16
SB-7A	2-4
SB-7B	14-16

[1] *Duplicate sample collected for SB-5B*

Elevated PID headspace readings were not detected above background in soil screened from each of the seven soil boring locations. Similarly, olfactory and visual evidence of contamination was not documented. Refer to soil boring logs in **Appendix A** for additional details.

Particulate and VOC monitoring was conducted continuously during ground intrusive work associated with the installation of each soil boring as per the NYSDEC/NYSDOH approved CAMP. No exceedances of the thresholds for VOCs and/or particulate set forth in the CAMP were observed. Field data sheets associated with the CAMP are included in **Appendix B**.

Each sample was collected for laboratory analysis of VOCs, Semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) Metals, Pesticides, Polychlorinated Biphenyl's or PCBs, and Per- And Polyfluoroalkyl Substances or PFAs, Cyanide, and 1, 4-Dioxane via USEPA test methods 8260, 8270, 3050B/7473, 8081, 8082, and 537.1 respectively. Field quality control measures including duplicate, trip and field blanks were also collected and submitted to the laboratory for analysis.

3.1.1 Soil Sampling Results

A total of fifteen soil samples were collected from the seven soil boring locations (including one duplicate sample). The soil sample results are summarized in **Table 1** and **Figure 4.** Each sample has been compared with NYSDEC 6 NYCRR Part 375-8.8(a) Unrestricted Use and NYCRR Part 375-8.8(b) Restricted Residential Use Soil Cleanup Objectives (SCOs). Soil samples collected during a subsurface investigation conducted in November 2020 are also presented in **Table 1**. The complete laboratory analytical reports are included in **Appendix C**.

VOCs

Acetone was detected in a soil sample collected from SB-1 above the Unrestricted Use SCO (0.05 mg/kg) but well below the Restricted Residential Use SCO (100 mg/kg). Acetone is known common laboratory cross contaminant. Methylene chloride has been detected in soil samples collected across the Site at concentrations ranging from 0.0170 to 0.120 mg/kg. Five of the detected concentrations (April 2022 samples only) exceed the Unrestricted Use SCO (0.050 mg/kg). The detected concentrations were well below the Restricted Residential Use SCO (100 mg/kg). Methylene chloride was not detected in the soil samples collected in November 2020. Low levels of PCE and TCE were detected in several soil samples. The detected concentrations are well below the Unrestricted Use and Restricted Residential Use SCOs.

SVOCs

Low levels of SVOCs including acenaphthylene benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene, were detected in several shallow soil samples collected from the Site. The detected concentrations were below the Unrestricted and Restricted Residential Use SCOs. SVOCs were not detected in the deep soil samples collected from the Site.

Pesticides

Pesticides were not detected in the soil samples collected from the Site.

Metals

Cadmium was detected in a deep soil sample at concentration of 6.18 mg/kg, above the Unrestricted Use SCO (2.5 mg/kg) and Restricted Residential Use SCO (4.3 mg/kg). Copper was detected in a shallow soil sample at a concentration of 66.9 mg/kg, above the Unrestricted Use SCO (50 mg/kg) but below the Restricted Residential Use SCO (270 mg/kg). Lead was detected in three of the seven shallow soil samples at concentrations ranging from 85.2 to 359 mg/kg, above the Unrestricted Use SCO (63 mg/kg) but below the Restricted Residential Use SCO (400 mg/kg). Zinc was detected in two of the seven shallow soil samples at concentrations ranging from 222 to 364 mg/kg, above the Unrestricted Use SCO (109 mg/kg) but well below the Restricted Residential Use SCO (400 mg/kg). Mercury was detected in s shallow soil sample at a

concentration of 0.306 mg/kg, above the Unrestricted Use SCO (0.18 mg/kg) but below the Restricted Residential Use SCO (0.81 mg/kg). Additional metals detected in shallow and deep soil were below both Unrestricted and Restricted Residential Use SCOs.

PCBs

PCBs were not detected in any of the soil samples collected from the Site.

PFAS

Perfluorononanoic acid (PFNA) was detected in one shallow soil sample. There are currently no Unrestricted or Restricted Residential guidance values for PFNA. Perfluorooctanesulfonic acid (PFOS) was detected in one shallow soil sample well below the NYSDEC October 2020 Part 375 Unrestricted Restricted Residential Use guidance values. No additional PFAS were detected in soil samples collected from the Site.

3.2 GROUNDWATER MONITORING

Following completion of the soil sampling, each soil boring was converted to a permanent 1-inch groundwater monitoring well. The wells were constructed of 15-feet of 0.01 slot schedule 40 PVC well screen and completed to grade with solid schedule PVC riser pipe. The annulus around the well screen was backfilled with No. 2 filter sand where native sands did not collapse and sealed with a 1 foot bentonite layer. The wells were be finished at the surface with steel flush-mount road boxes set in approximate 2'x2' concrete pads.

Following installation, each well was developed by rapidly pumping the wells to removed entrained silt and sediment from the sand pack and well screen and ensure connectivity with the surrounding shallow groundwater table. A minimum of three to five well volumes was removed from each well during development. All groundwater collected while developing the wells was containerized in 55-gallon drums for future off-Site disposal.

Groundwater samples were collected from each of the newly installed monitoring wells (MW-1 through MW-7; See **Figure 3**) Prior to sampling, water level measurements were recorded to the nearest 0.01 foot prior sampling and a minimum of 3 well volumes were purged from each. Table 2.2 includes groundwater sampling/ gauging data and observations:

Table 3.2

Well ID	Depth to Water (TOC[1])	Total Depth (TOC[1])	Purge Volume (gal)	Tubing Sample Depth (Feet bgs)	Odor (Y/N)	Sheen (Y/N)
MW-1	16.07	25	~2	~20	N	N
MW-2	16.00	25	~2	~20	N	N
MW-3	14.95	25	~2	~20	N	N
MW-4	15.57	25	~2	~20	N	N
MW-5[2]	14.87	25	~2	~20	N	N
MW-6	14.87	25	~2	~20	N	N
MW-7	13.48	25	~2	~20	N	N

TOC[1] – Depth to water and total depths measure to top of PVC casing.
[2] Duplicate sample collected for MW-5

Upon completion of development and purging procedures, groundwater samples were collected from the newly installed monitoring wells. The sampling was conducted in accordance with field sampling procedures outlined in Section 8.4 of the March 11, 2022, *Site Characterization Work Plan/ IRM Work Plan*. Each sample was, analyzed for VOCs, SVOCs, TAL Metals, Pesticides, PCBs, PFAs, Cyanide, and 1, 4-Dioxane via USEPA test methods 8260, 8270, 3050B/7473, 8081, 8082, and 537.1 respectively. Field quality control measures including trip and field blanks, along with a duplicate sample from MW-5, were collected and submitted to the chemical laboratory for analysis.

3.2.1 Groundwater Sampling Results

The groundwater sample results are summarized in **Table 2** and **Figure 5.** All groundwater analysis has been compared with the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS). Groundwater samples collected from previous temporary monitoring wells in November 2020 are also presented in **Table 2**. The complete laboratory analytical reports are included in **Appendix C**.

VOCs

PCE was detected in the groundwater samples collected from the former temporary well SB-3 GW, and the new permanent wells MW-4, MW-5 and MW-6 at concentrations ranging from 9.37 to 22.6 micrograms per liter (µg/L). These detected concentrations exceed the AWQS (5 µg/L). PCE was detected in all other onsite monitoring wells (temporary and permanent), below the AWQS. TCE was detected in the groundwater samples collected from each of the former temporary well (SB-3GW, SB-4 GW and SB-5 GW), and the new permanent wells MW-1, MW-2, MW-4, MW-5, MW-6 and MW-7 at concentrations ranging from 5.92 to 33.4 µg/L. These detected concentrations exceed the AWQS (5 µg/L). TCE was detected in MW-3 below the AWQS. Chloroform was detected in the groundwater sample collected from the former temporary well SB-3 GW, at a concentration of 11 µg/L. The detected concentration exceeds the AWQS (7 µg/L). Chloroform was detected in all other onsite monitoring wells with the exception of MW-3, below the AWQS.

Sporadic low detections of other VOCs, including 1,2,4,5-tetramethylbenzene, 2-butanone, cis-1,2-dichloroehtylene, naphthalene were recorded in Site wells below their respective AWQS.

SVOCs

Chrysene was detected in the groundwater samples collected from the new permanent wells MW-3 and MW-5 at concentrations ranging from 0.08 to 0.126 µg/L. These detected concentrations exceed the AWQS (0.002 µg/L).

Sporadic low detections of other SVOCs, including acenaphthene, acenaphthylene, bis(2-ethylhexyl)phthalate, fluorene, naphthalene, phenanthrene and pyrene were recorded in Site wells below their respective AWQS.

Pesticides

Dieldrin was detected in the groundwater samples collected from the new permanent wells MW-1 and MW-2 at concentrations ranging from 0.0183 to 0.334 µg/L. These detected concentrations exceed the AWQS (0.004 µg/L). Dieldrin was not detected in other on-Site wells.

Low detections of other pesticides, including delta-BHC and endrin ketone were recorded in MW-2 below their respective AWQS. Pesticides were not detected in the remaining on-Site well.

Metals
Concentrations of TAL metals above AWQS were detected in each of the wells. Generally, the most exceedances and highest detections were reported in MW-3. Barium (1,100 µg/L; AWQS 1,000 µg/L), chromium (538/100 µg/L; AWQS 50 µg/L), copper (627 µg/L; AWQS 200 µg/L), lead (524 µg/L; AWQS 25 µg/L), magnesium (53,200 µg/L; AWQS 35,000 µg/L), nickel (548 µg/L; AWQS 100 µg/L), arsenic (156 µg/L; AWQS 25 µg/L), cadmium (8.73 µg/L; AWQS 5 µg/L), selenium (75.9 µg/L; AWQS 10 µg/L) and mercury (0.8 µg/L; AWQS 0.7 µg/L) were recorded in MW-3. Cadmium was also detected in MW-6 at a concentration 0f 21.2 µg/L, above the AWQS (5 µg/L). Manganese was detected in six of the seven wells at concentrations ranging from 343 to 34,100 µg/L above the AWQS of 300 µg/L. Sodium was detected in each of the seven wells at concentrations ranging from 73,800 to 162,000 µg/L above the AWQS of 20,000 µg/L.

Corresponding deep and shallow soil samples collected from the soil borings where wells with AWQS exceedances were recorded, did not contain concentrations of those particular metals in above Unrestricted Use SCOs, suggesting the majority of the impacts are likely to be due to local groundwater quality, with the exception of SB-6/MW-6 where cadmium exceeded the Restricted Residential Use SCO in the soil sample collected from the saturated zone. Cadmium also exceeded the AWQS in the groundwater sample collected from MW-6, installed in the SB-6 borehole.

Additionally, concentrations of barium, chromium, copper, lead, nickel, arsenic, selenium and mercury in MW-3 are elevated in comparison with other on-Site wells. The detections may indicate localized metals impacts to groundwater in this portion of the Site, along with MW-6, as result of historic manufacturing operations conducted at the Site.

PCBs
PCBs were not detected in the groundwater samples collected from the Site.

PFAS
Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected in each of the Site wells. The concentrations of PFOS in MW-5, MW-6 and MW-7 (10.7 to 20.7 nanongrams per liter (ng/L)) slightly exceed the NYSDEC Part 375 PFAS Remedial Program Water, October 2020 Guidance Value (10 ng/L). The concentration of PFOA in MW-2, MW-4, MW-5, MW-6 and MW-7 (11.6 to 24.9 ng/L) slightly exceed the NYSDEC Part 375 PFAS Remedial Program Water, October 2020 Guidance Value (10 ng/L). Additional PFAS detected in groundwater were below applicable guidance values.

3.3 EXTERIOR SOIL GAS

A total of five temporary exterior soil gas sampling points, designated SG-1 through SG-5, were installed along the property boundaries (see **Figure 3)**. The soil gas points were installed by advancing 1.25-inch solid stem direct push sample rods to a depth of 5-feet bgs. A dedicated soil vapor implant was installed at the base of the borehole and connected to the surface with

dedicated high density polyethylene tubing. The annulus around the vapor implant was filled with No. 2 filter sand to approximately 2 to 3-feet bgs. The remaining annulus was sealed with hydrated bentonite to the surface. Following installation, a MiniRae photoionization detector (which registers airflow below 0.2 liters per minute) was attached to the high-density polyethylene tubing and a minimum of three sample volumes was purged from each point. The maximum VOC readings recorded for each soil gas point during purging are presented in Table 3.3 below:

Table 3.3

Soil Gas Point	PID Reading in PPM (max)
SG-1	0.0
SG-2	0.0
SG-3	0.0
SG-4	0.0
SG-5	0.0

The soil gas samples were collected for analysis in batch clean SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and after sampling to document that the soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain.

Following sampling, the pressure of the SUMMA canister was recorded, and each soil gas point was removed from the ground, plugged with bentonite chips, and sealed at the surface with asphalt. The soil vapor samples were analyzed for VOCs (USEPA Method TO-15) by a NYSDOH-approved laboratory. Note that due to a malfunction with the SUMMA canister flow controller, a sample was not collected SG-2.

In an attempt to fill the data gap caused by the SUMMA canister malfunction and to gain additional subsurface soil gas data, DTCS returned to the Site on September 16, 2022 to perform supplemental soil gas sampling. Specifically, areas denoted as SG-1, SG-2 and SG-4 were targeted for resampling. The soil gas points were installed by advancing 1.25-inch solid stem direct push sample rods to a depth of 5-feet bgs. A dedicated soil vapor implant was installed at the base of the borehole and connected to the surface with dedicated high density polyethylene tubing. The annulus around the vapor implant was filled with No. 2 filter sand to approximately 2 to 3-feet bgs. The remaining annulus was sealed with hydrated bentonite to the surface. Following installation, a MiniRae photoionization detector (which registers airflow below 0.2 liters per minute) was attached to the high-density polyethylene tubing and a minimum of three sample volumes was purged from each point. The maximum VOC readings recorded for each soil gas point (denoted herein as SG-1A, SG-2A and SG-4A) during purging are presented in Table 3.4 below:

Table 3.4

Soil Gas Point	PID Reading in PPM (max)
SG-1A	0.8
SG-2A	0.2
SG-4A	0.4

The soil gas samples were collected for analysis in batch clean SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and after sampling to document that the soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain.

Following sampling, the pressure of the SUMMA canister was recorded, and each soil gas point was removed from the ground, plugged with bentonite chips, and sealed at the surface with asphalt. The soil vapor samples were analyzed for VOCs (USEPA Method TO-15) by a NYSDOH-approved laboratory.

3.3.1 Exterior Soil Gas Sampling Results

The exterior soil gas sample results (April and September 2022) are summarized in **Table 3** and **Figure 7.** During the April 2022 sampling event PCE was detected in each of the four samples at concentrations ranging from 3.9 to 110 µg/m^3. TCE was detected two of the samples (SG-1 and SG-4) at concentrations 10 and 48 µg/m^3, respectively. PCE was reported between 430 and 1,200 µg/m^3 while TCE was detected in concentrations ranging from 100 – 360 µg/m^3 during the September 2022 sampling event. The highest PCE and TCE concentration were detected at SG-1/1A and SG-4/4A, located along the southern and western property boundaries

Additional low-level exterior soil vapor contamination, typical of well-developed urban settings, has been identified at the Site; detected concentrations, however, are not likely to be indicative of grossly-contaminated on-Site soil or groundwater, or be a source of significant offsite migration.

3.4 SUB-SLAB SOIL GAS AND INDOOR AIR

A total of four (4) new permanent interior soil vapor points were installed (VP-6 through VP-9 and TVP-1). VP-6, VP-7 and VP-9 were installed as permanent flush mount vapor monitoring points. In these locations, a 5/8" in hole was cored through the slab. A 1.5" hole was then cored approximately 2-inches into the slab, centered on the 5/8" inch core. A permanent Cox Colvin® brass monitoring point fitted with an airtight silicon sleeve was installed in the 5/8" core and covered with a threaded, flush-mount stainless steel cover. Permanent Cox Colvin® points could not be installed at the location of VP-8 based on the brittle nature of the concrete in this area that would not allow an airtight seal with the silicon sleeve. Similarly, the presence of steel wire mesh prevented installation of a 1.5" core in the location of TVP-1. Accordingly, these points were installed through a 5/8" core using a polyethylene vapor implant and HDPE tubing, backfilled with No. 2 clean silica sand and sealed to the concrete slab with hydrated bentonite.

Following installation, a MiniRae photoionization detector (which registers airflow below 0.2 liters per minute) was attached to the high-density polyethylene tubing and a minimum of three sample volumes was purged from each point. The maximum VOC readings recorded for each sub-slab soil gas point are presented in Table 3.5 below:

Table 3.5

Sub-slab Soil Gas Point	PID Reading in PPM (max)
VP-6	0.0
VP-7	2.4
VP-8	0.4
VP-9	0.0
TVP-1	0.3

Sub-slab soil gas samples were collected from former vacuum monitoring points VP-1, VP-2, VP-4 and VP-5, and newly installed soil gas points VP-6, VP-7, VP-8 and VP-9. TVP-1 was not proposed for sampling and was installed strictly for future vacuum monitoring purposes. Co-located indoor air samples were collected in proximity to each sub-slab soil vapor sample location, from a height set within the breathing zone (3-5 feet above the ground).

The samples were collected for analysis in batch clean SUMMA canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for a 24-hour sample duration. As a quality assurance/quality control measure, an inert tracer gas (helium) test was completed before and after sampling to document that the sub-slab soil vapor sampling points were properly sealed preventing subsurface infiltration of ambient air into the sample chain.

Following sampling, the pressure of the SUMMA canister was recorded and each sub-slab soil gas point was capped. The sub-slab soil gas and indoor air samples were analyzed for VOCs (USEPA Method TO-15) by a NYSDOH-approved laboratory. Note that due to a malfunction of the flow controller of the SUMMA canister, a sample was not collected SV-3.

3.4.1 Sub-slab Soil Gas Sampling Results

The sub-slab soil gas sample results (October 2020 and April 2022) are summarized in **Table 4** and **Figure 8.** During the October 2020 sampling event, samples were collected from VP-2, VP-3 and VP-3. During this sampling event, PCE was detected in these points at concentrations ranging from 21.7 to 154 µg/m^3, with peak a concentration detected in VP-5. TCE was in these points at concentrations ranging from 176 to 455 µg/m^3, with a peak concentration detected in VP-5. VP-5 is located in the western/central portion of the building.

During the April 2022 sampling event PCE was detected in the sampling points at concentrations ranging from 1.2 to 78 µg/m^3, with peak concentrations detected in VP-4. TCE was in each sample point at concentrations ranging from 6.5 to 680 µg/m^3, with a peak concentration detected in VP-8. VP-8 is located in the southern portion of the building. Elevated concentrations of TCE were also detected in VP-1, VP-2, VP-4, VP-5 and VP-7.

Additional low-level sub-slab soil vapor contamination, typical of well-developed urban settings, has been identified at the Site; detected concentrations, however, are not likely to be indicative of grossly-contaminated on-Site soil or groundwater, or be a source of significant offsite migration.

3.4.2 Indoor Ambient Air Sampling Results

The indoor air sample results are summarized in **Table 5** and **Figure 9.** The complete laboratory analytical report is included in **Appendix C**.

PCE was detected in indoor air at concentrations ranging from 0.67 to 3 µg/m^3. The highest PCE concentration was detected at VP-2. TCE was detected in indoor air at concentrations ranging from 0.16 to 0.97 µg/m^3. The highest TCE concentration was detected at VP-3. The peak PCE and TCE air concentrations do not appear to correlate with peak sub-slab soil gas detections for those compounds.

3.4.3 Sub-slab Soil Gas and Indoor Air - NYSDOH Matrix Comparison

A comparison of the sub-slab soil gas and indoor air data (April 2022) with the New York State Department of Health May 2017 Decision Matrices is provided in **Table 6**. The DOH Matrices include select chlorinated volatile organic compounds (cVOCs), including 1,1-DCE, cis-1,2-DCE, carbon tetrachloride, TCE (Matrix A), PCE, 1,1,1-TCA, methylene chloride (Matrix B) and vinyl chloride (Matrix C). A comparison of the data indicates mitigation of the majority of the building is warranted based on elevated TCE in sub-slab soil gas and indoor air. Monitoring of indoor air in the location VP-6 is recommended based on the matrices. However, VP-6 is located closest to the former dry cleaner tenant space. Accordingly, these potions of the building will require mitigation.

Mitigation of the partial basement space in the southern portion of the building is not warranted, based on an evaluation of the data collected from VP-9 and the 1st floor space above the basement (Unit 102).

3.5 CAMP FIELD DATA

CAMP field data sheets are included in **Appendix B**. Monitoring for particulates (PM10) and volatile organic compounds with the use of a photoionization detector or PID were recorded approximately every 15-mintues during SC IRM field activities in accordance with the CAMP.

PID readings greater than background levels were not recorded during the field activities. PID readings did not exceed the Action Level specified within the CAMP (5 ppm).

PM10 readings significantly above background levels were not recorded during the field activities. PM10 readings did not exceed the Action Level specified within the CAMP (100 µg/m^3).

4.0 SITE CHARACTERIZATION FINDINGS

The objective of the Site Characterization was to provide documentation of soil and soil gas quality along the perimeter of the Site's property boundaries, to document local groundwater quality conditions and to provide additional soil vapor and indoor air data to aid in SSDS design.

4.1 SOIL

Low level VOCs, SVOCs, and PFAS were detected in several soil samples collected from soil borings advanced along the property boundaries. The concentrations detected were all below Restricted Residential Use SCOs. Source areas of elevated cVOCs in soil were not identified at the Site. Pesticides and PCBs were not detected in Site soils.

Cadmium was detected in a deep soil sample above the Restricted Residential Use SCO (SB-6). As discussed in Section 3.2.1, cadmium was detected in MW-6 (installed in the SB-6 borehole) above the AWQS. The detections may indicate localized metals impacts to groundwater in this portion of the Site as result of historic manufacturing operations and/or could be considered background. Other metals were detected in several shallow soil samples below Restricted Residential Use SCOs, and do not appear to be a leaching source to groundwater. See Figure 4 for Soil detections which were reported above Unrestricted and Restricted Residential SCOs.

4.2 GROUNDWATER

PCE concentrations in excess of the AWQS (5 µg/L) have been detected in five of the ten current/former wells sampled at the Site, with a peak concentration of 22.6 µg/L. TCE concentrations in excess of the AWQS (5 µg/L) have been detected in nine of the ten current/ former wells sampled at the Site, with a peak concentration of 33.4 µg/L. Chloroform was detected in the groundwater sample collected from the former temporary well SB-3 GW, at a concentration of 11 µg/L, above the AWQS (7 µg/L). Chloroform was detected in all other onsite monitoring wells with the exception of MW-3, below the AWQS. No other VOCs were detected above their respective AWQS value.

Chrysene was detected in two monitoring wells above the AWQS. No other SVOCs exceeded the AWQS.

Dieldrin was detected in two monitoring wells above the AWQS. No other pesticides exceeded the AWQS.

Concentrations of TAL metals above AWQS were detected in each of the wells. Generally, the most exceedances and highest detections were reported in MW-3. Concentrations of barium, chromium, copper, lead, nickel, arsenic, selenium and mercury in MW-3 are elevated in comparison with other on-Site wells. The detections may indicate localized metals impacts to groundwater in this portion of the Site, along with MW-6, as result of historic manufacturing operations conducted at the Site.

PCBs were not detected in groundwater samples collected from the Site.

PFOS and PFOA were detected in groundwater samples throughout the Site in excess of the NYSDEC Part 375 PFAS Remedial Program Water Oct 2020 guidance values.* See **Figure 5** for groundwater detections which were reported above their respective AWQS.

*NOTE THAT THE SITE IS AND SURROUNDING PROPERTIES UTILIZE MUNICIPAL WATER AND SEWER SERVICES AND GROUNDWATER IS NOT BEING EMPLOYED AS A WATER SUPPLY OR FOR ANY OTHER USES.

As detected during the April 6, 2022 monitoring event, depth to water beneath the Site ranged from a high of 13.48 feet bgs in MW-7 to a low of 16.07 feet bgs in MW-1. Groundwater elevations were calculated by subtracting depth to groundwater field measurements from surveyed top-of-well casing elevations in each monitoring well. Utilizing data collected during this monitoring period, recorded water table elevations were plotted on a scaled Site map and are included as **Figure 6** (Groundwater Contour Map) for your review. While generating said map, lines of equal elevation were drawn to contour the groundwater surface. Based on the assumption that groundwater flows perpendicular to lines of equal elevation in an isotropic, homogenous system, groundwater on-Site generally flows in a south, southwesterly direction across the Site.

4.3 EXTERIOR SOIL GAS

PCE was detected in each of the four samples at concentrations ranging from 3.9 to 110 µg/m^3. TCE was detected two of the samples (SG-1 and SG-4) at concentrations of 10 and 48 µg/m^3, during the April 2022 sampling event. Supplemental investigative work conducted on the Subject Property again revealed the presence of PCE and TCE in each of the three sampling locations ranging from 430 - 1,200 µg/m^3 and 100 – 360 µg/$m^{3,}$ respectively. The highest PCE and TCE concentrations were detected at SG-1/1A and SG-4/4A, located along the southern and western property boundaries. Based upon the grading of PCE/TCE from a low concentration near the source zone to a higher concentration to areas south along the periphery of the property boundary this data suggests that there is an off-Site source of cVOCs detected in soil gas (see **Figures 10 & 11** for reference). DTCS theorizes that soil gas has migrated through preferential pathways which exist along subsurface utilities, including, but not limited to, the storm sewer which is present along the center of the parking area and discharges to the main located within the Tremper Avenue corridor south of the Site (see **Figure 3** for location).

Additional low-level exterior soil vapor contamination, typical of well-developed urban settings, has been identified at the Site; detected concentrations, however, are not likely to be indicative of grossly-contaminated on-Site soil or groundwater, or be a source of significant offsite migration.

4.4 INTERIOR SUB-SLAB SOIL GAS AND INDOOR AIR

Elevated TCE concentrations are present in the majority of the sub-slab soil gas samples collected throughout the building. TCE was also found in co-located indoor air samples. A comparison of the sub-slab soil gas and indoor air data with the NYSDOH VI Matrices indicates mitigation of the building is warranted based on elevated TCE in soil gas and indoor air.

5.0 RECOMMENDATIONS

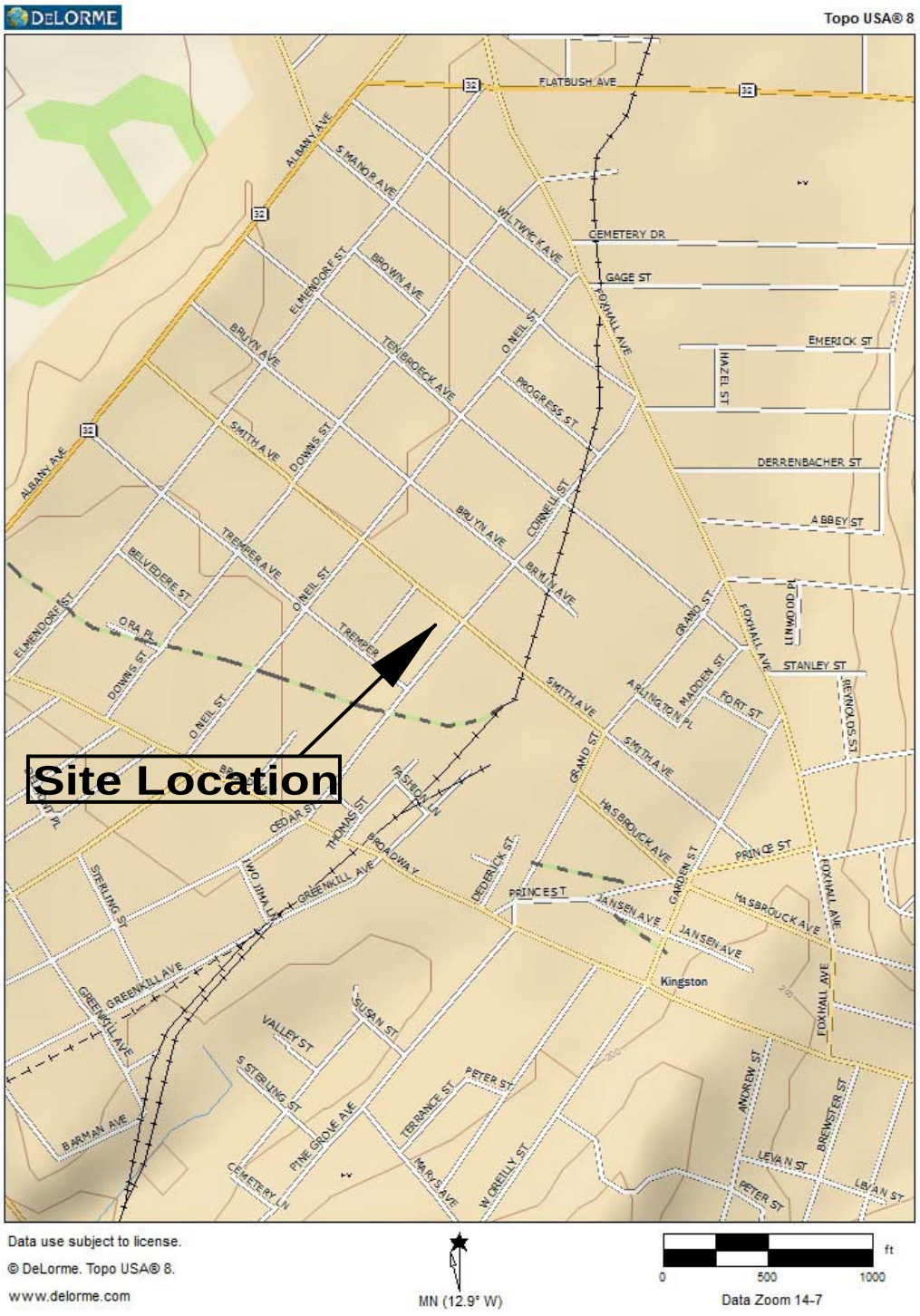
Soil Gas/Indoor Air/Remediation

A Site Characterization Survey was performed on the Site to define the nature and extent of subsurface contamination in soil, soil gas, groundwater and ambient air. Upon review of analytical reporting generated during this Site Characterization Survey, no further subsurface investigation is warranted but the installation of a SSDS is recommended to assure that there is no migration of VOCs into the Site structure (i.e., vapor intrusion).

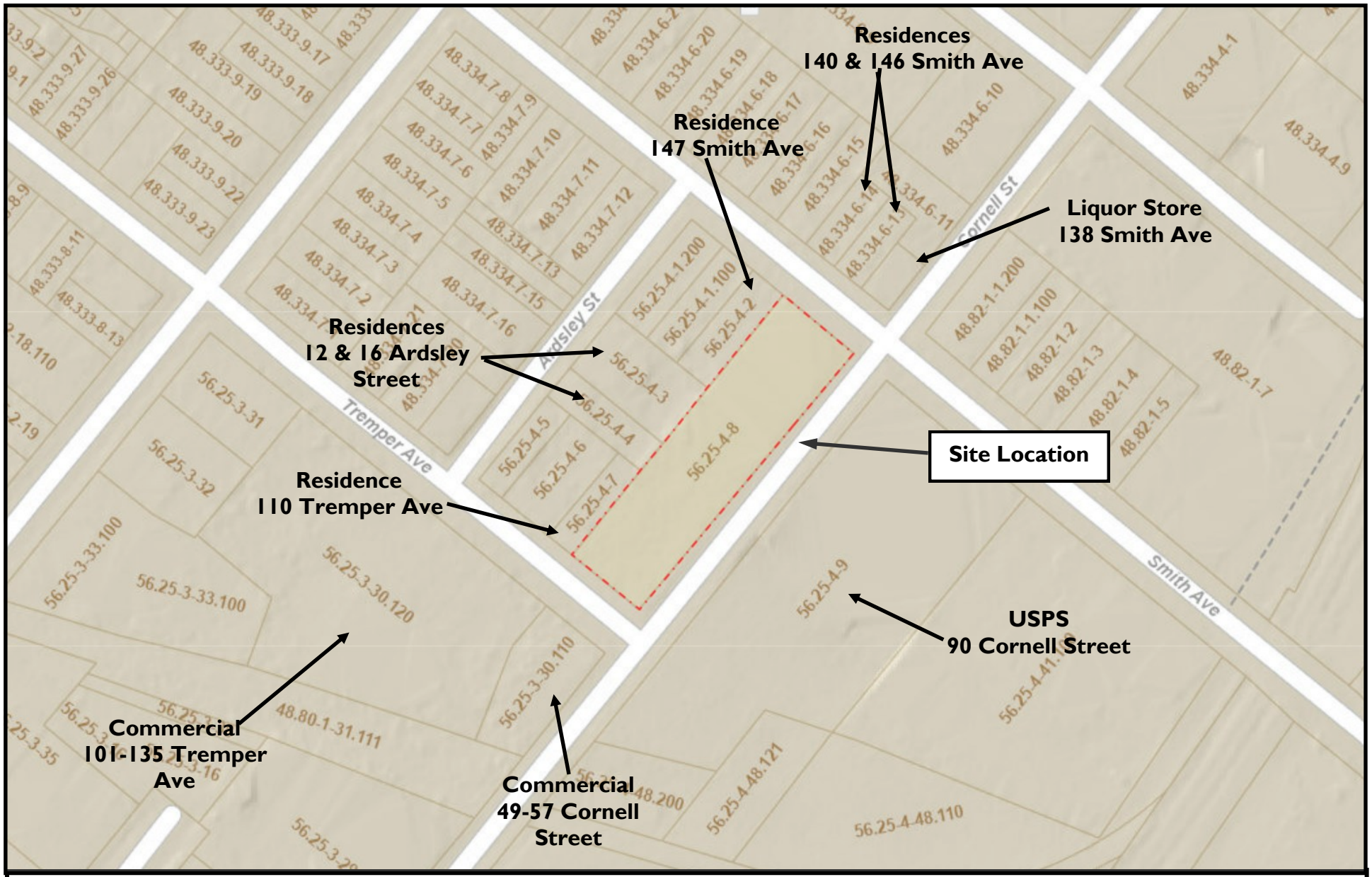
SSDS Design & Installation

As of the date of this report, a thorough evaluation of the SSDS design is currently underway. Considerations for system design include the number and sizing of blowers/fans, evaluation of the need for new extraction wells, evaluation of system effluent treatment, local permitting, and ongoing discussions with the NYSDEC and NYSDOH. A formal SSDS Design Document will be prepared for approval by the NYSDEC and NYSDOH prior to system installation.

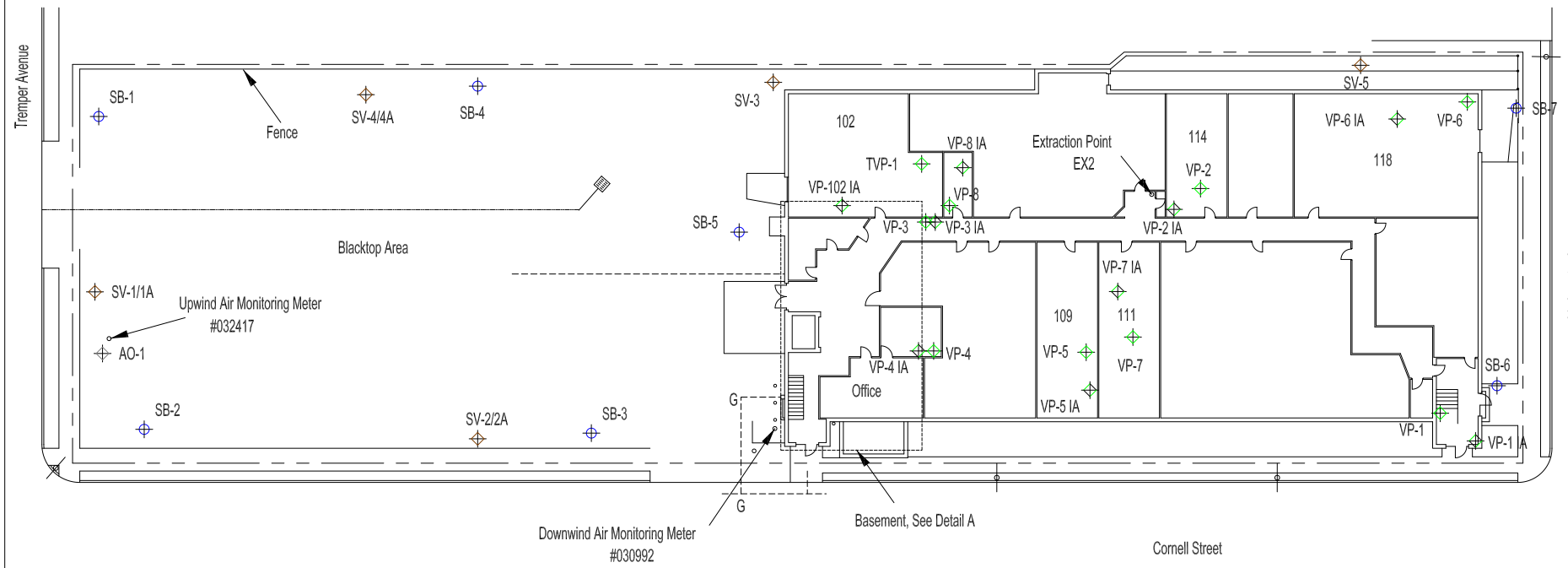
FIGURES

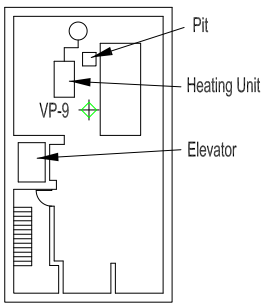


Client: Kingston Lofts LLC		**Site Location Plan**
Site: 77 Cornell Street, Kingston, New York		
	Drawn by: DJT / **Scale:** Graphic	**Figure No:** 1



DT Consulting Serivces, Inc. 1291 Old Post Road Ulster Park, New York 12487	*77 Cornell Street* *Kingston, New York*	**Figure 2 - Surrounding Land Use Map** Site # 356061

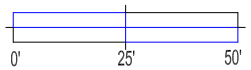


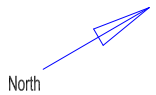


Detail A

Key

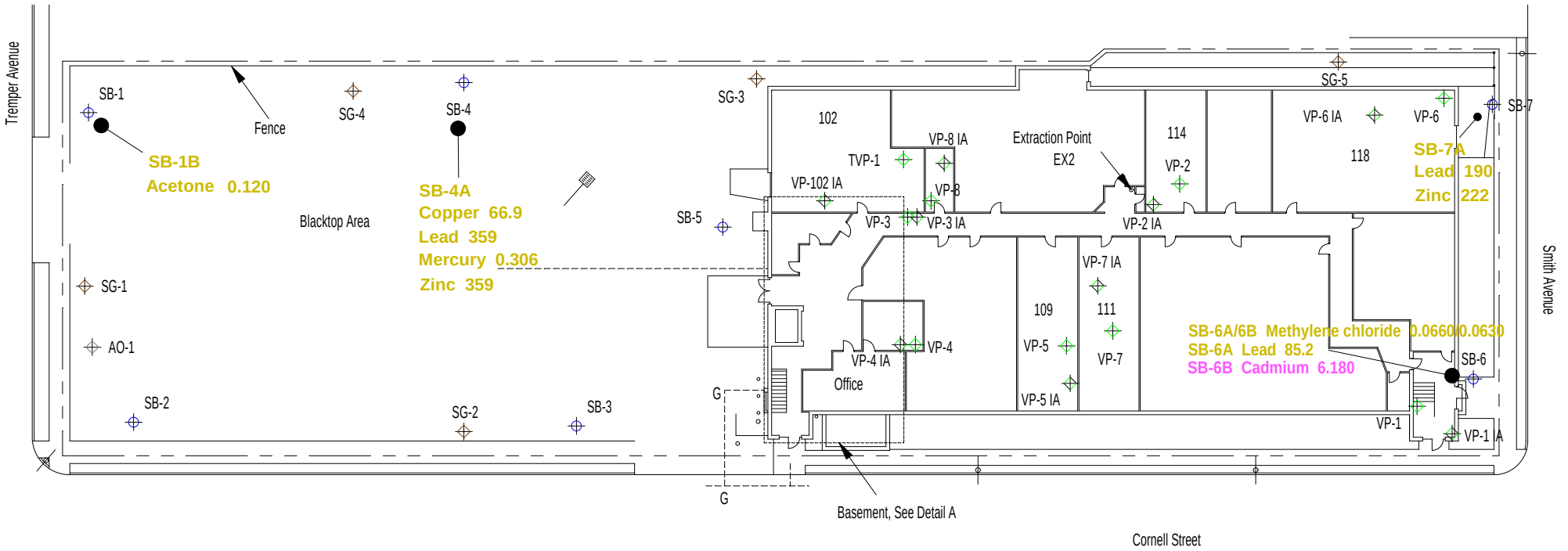
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- SV-XX Soil Vapor Exterior
- VP-XX Vapor Point Interior
- VP-XXIA Vapor Point Indoor Ambient Air
- TVP-XX Future Test Point
- AO-XX Ambient Air Outdoor
- Utility Pole
- Storm Drain

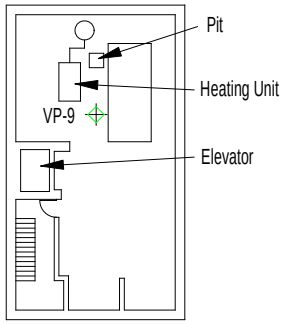




DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: 77 Cornell Street LLC			
Location: 77 Cornell Street, Kingston, Ulster County, New York			
Title: Site Characterization Sample and Testing Map			
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 3





Detail A

Key

- Underground Utilities
- Approx. Property Line
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- Utility Pole
- Storm Drain

Analyte Detected Above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Analyte Detected Above NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential

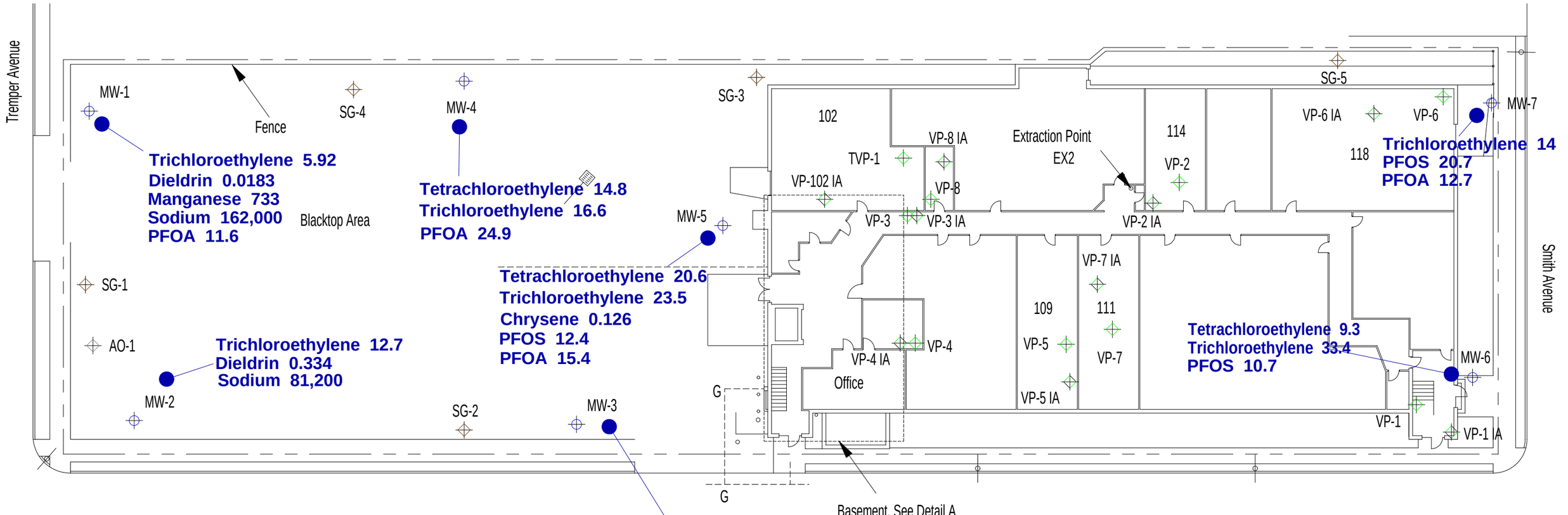
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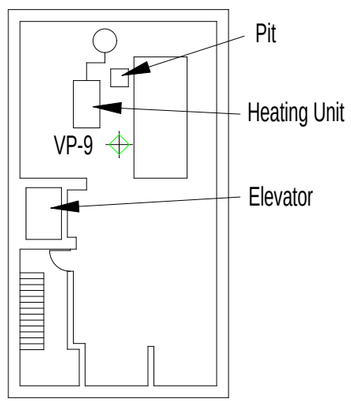
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VOCs are reported in PPB/Metals are reported in PPM

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1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: 77 Cornell Street LLC			
Location: 77 Cornell Street, Kingston, Ulster County, New York			
Title: Site Characterization Soil Sampling - Detections Above Unrestricted/Restricted Use SCOs - April 6, 2022			
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 4





Detail A

Key

- Underground Utilities
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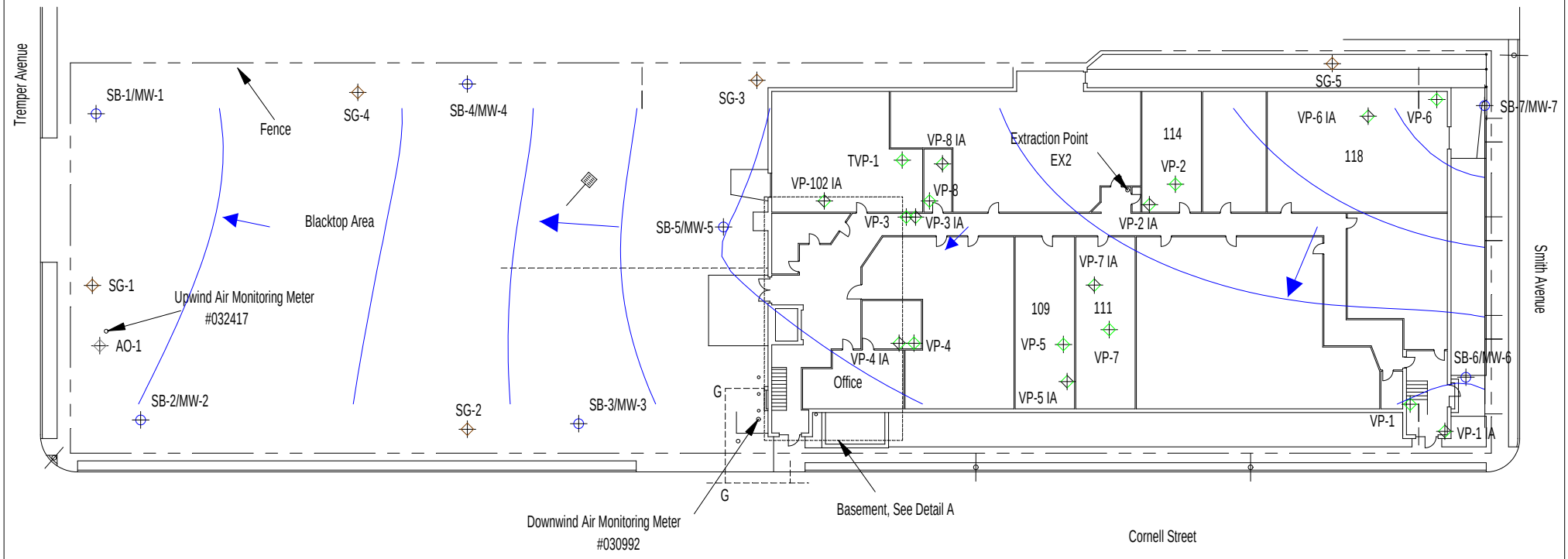
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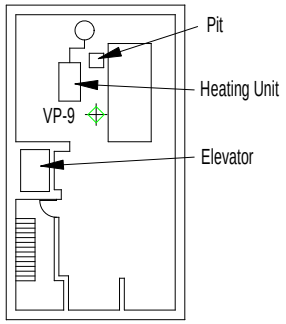
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ALL OTHER ANALYSIS IS REPORTED IN MICOGRAMS PER LITER

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: 77 Cornell Street LLC			
Location: 77 Cornell Street, Kingston, Ulster County, New York			
Title: Site Characterization Groundwater Sampling - Detections Above AWQS - April 6, 2022			
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 5

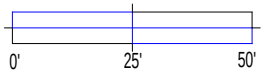


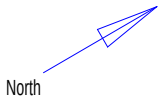


Detail A

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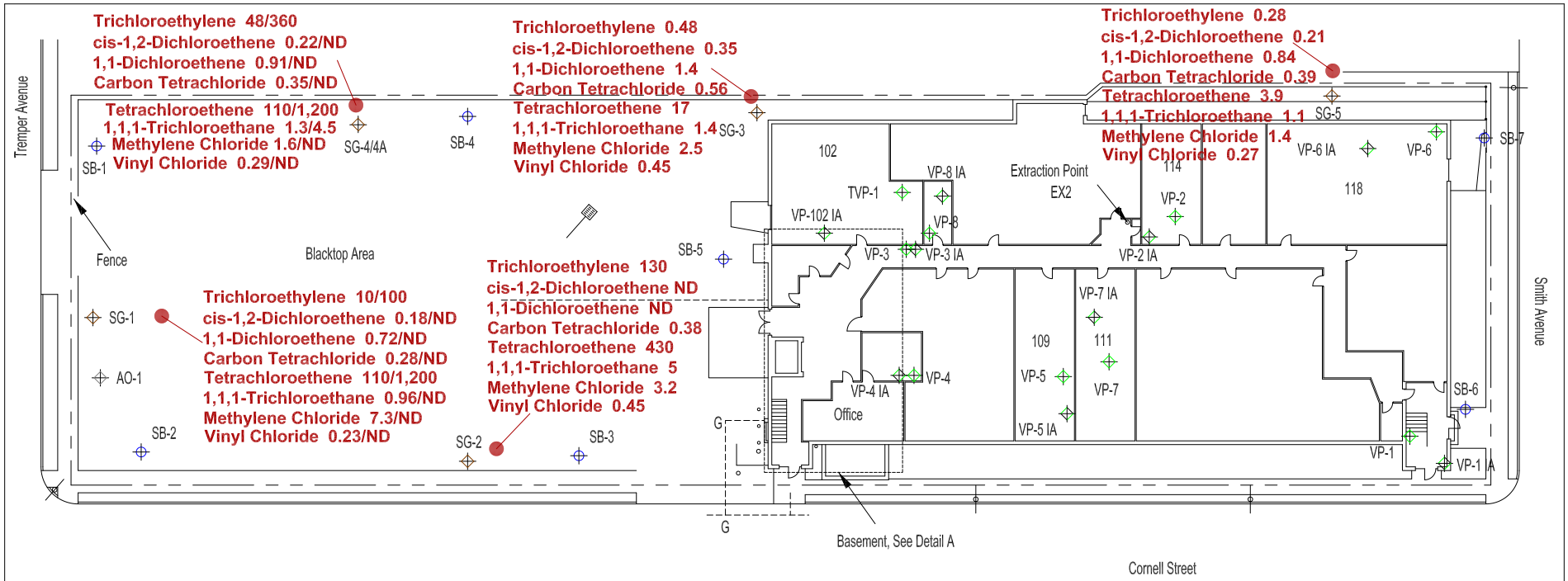
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- Utility Pole
- Storm Drain

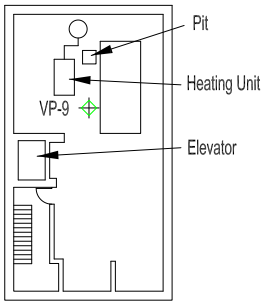




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1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: 77 Cornell Street LLC			
Location: 77 Cornell Street, Kingston, Ulster County, New York			
Title: Groundwater Contour Map for April 6, 2022			
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 6





Detail A

Key

- Underground Utilities
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- Storm Drain

VOCs are reported in PPB/Metals are reported in PPM

CVOCs REPORTED IN MICROGRAMS/ CUBIC METER

Vinyl Chloride 0.23/ND

April 2022/September 2022

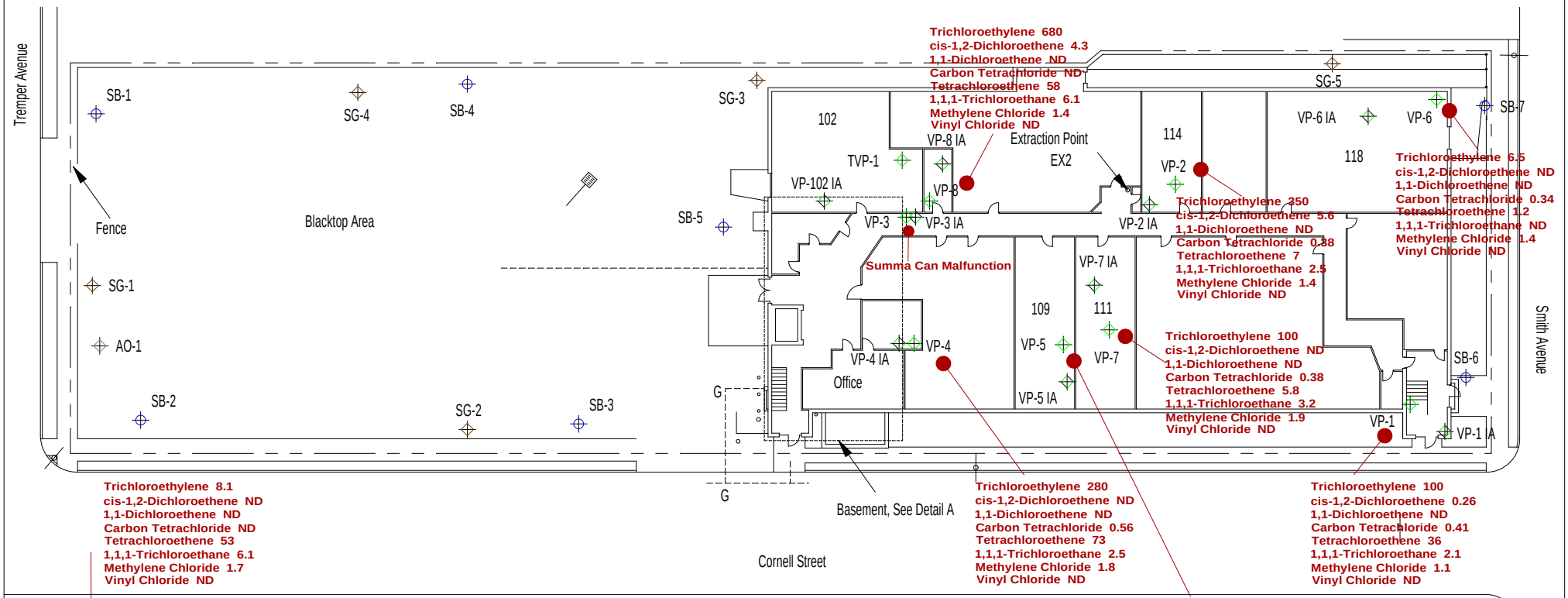
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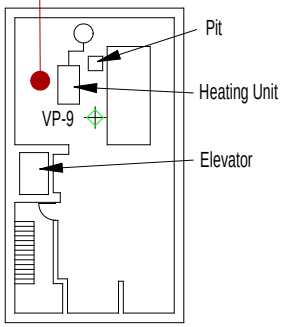
North

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1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client:	77 Cornell Street LLC
Location:	77 Cornell Street, Kingston, Ulster County, New York
Title:	Site Characterization Soil Gas Sampling - Select Detections - April 6, 2022

Scale:	Drawn By:	Site No:	Fig.#:
Graphic	O.T.	356061	7





Detail A

Key

- Underground Utilities
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- TVP-XX Future Test Point
- AO-XX Ambient Air Outdoor
- Utility Pole
- Storm Drain

CVOCs REPORTED IN MICROGRAMS/ CUBIC METER

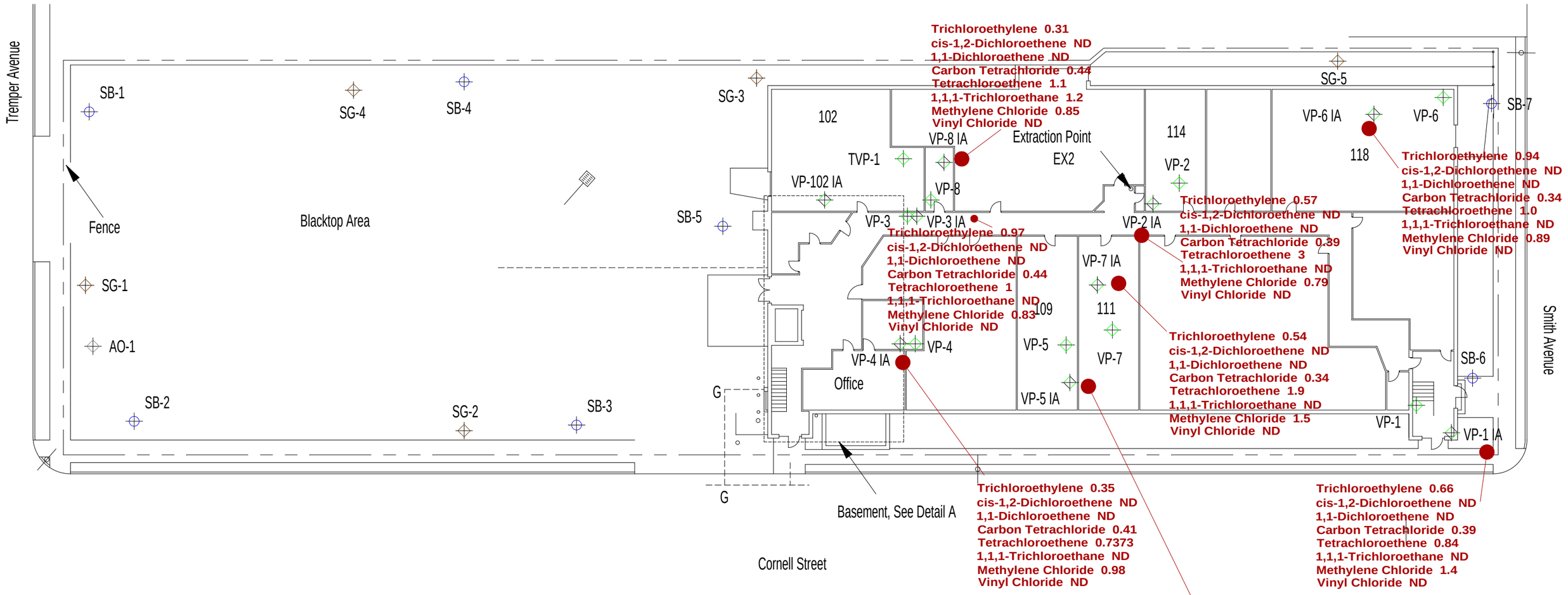
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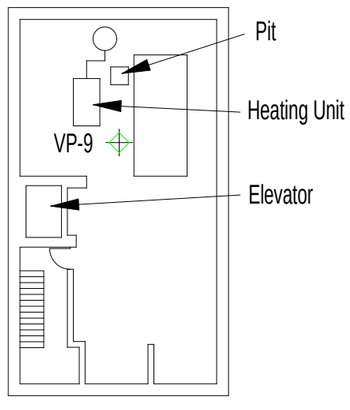
North

VOCs are reported in PPB/Metals are reported in PPM

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1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client:	77 Cornell Street LLC		
Location:	77 Cornell Street, Kingston, Ulster County, New York		
Title:	Site Characterization Sub-Slab Soil Gas/Soil Vapor Sampling - Select Detections - April 5, 2022		
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 8





Detail A

Key

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- Utility Pole
- Storm Drain

VOCs are reported in PPB/Metals are reported in PPM

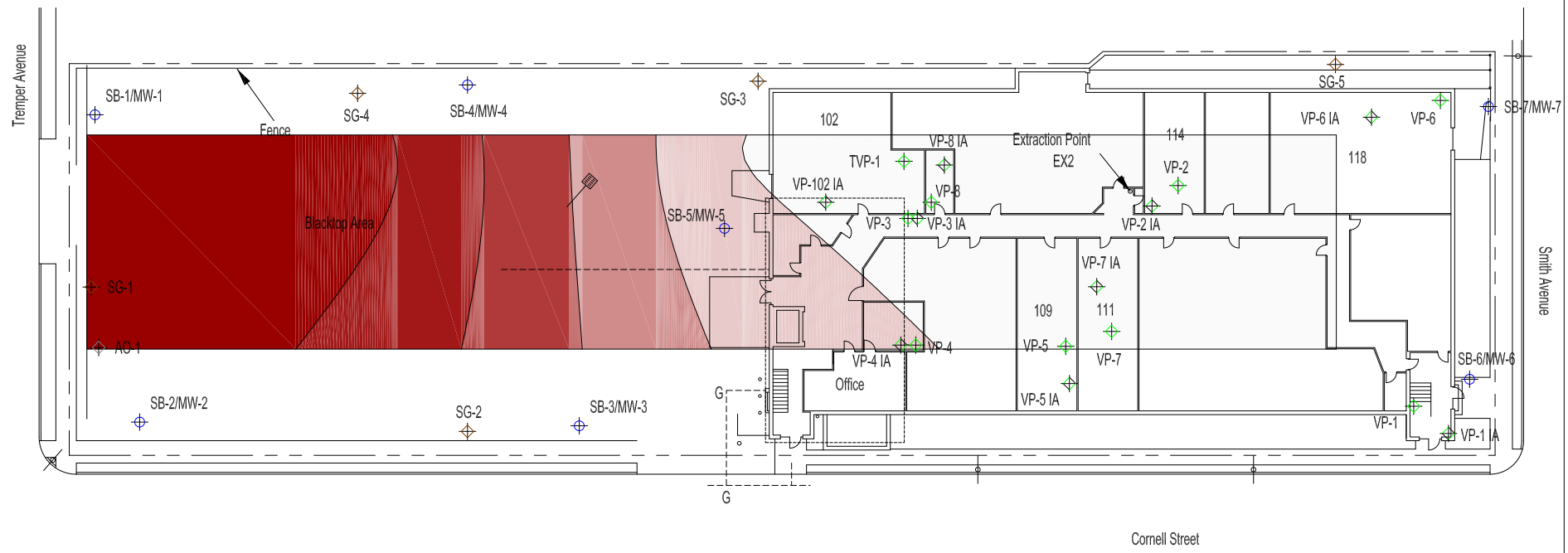
CVOCs REPORTED IN MICROGRAMS/ CUBIC METER

0' 25' 50'

North

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: 77 Cornell Street LLC			
Location: 77 Cornell Street, Kingston, Ulster County, New York			
Title: Site Characterization Co-Located Ambient Indoor Air Sampling - Select Detections - April 5, 2022			
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 9



100

0

Key

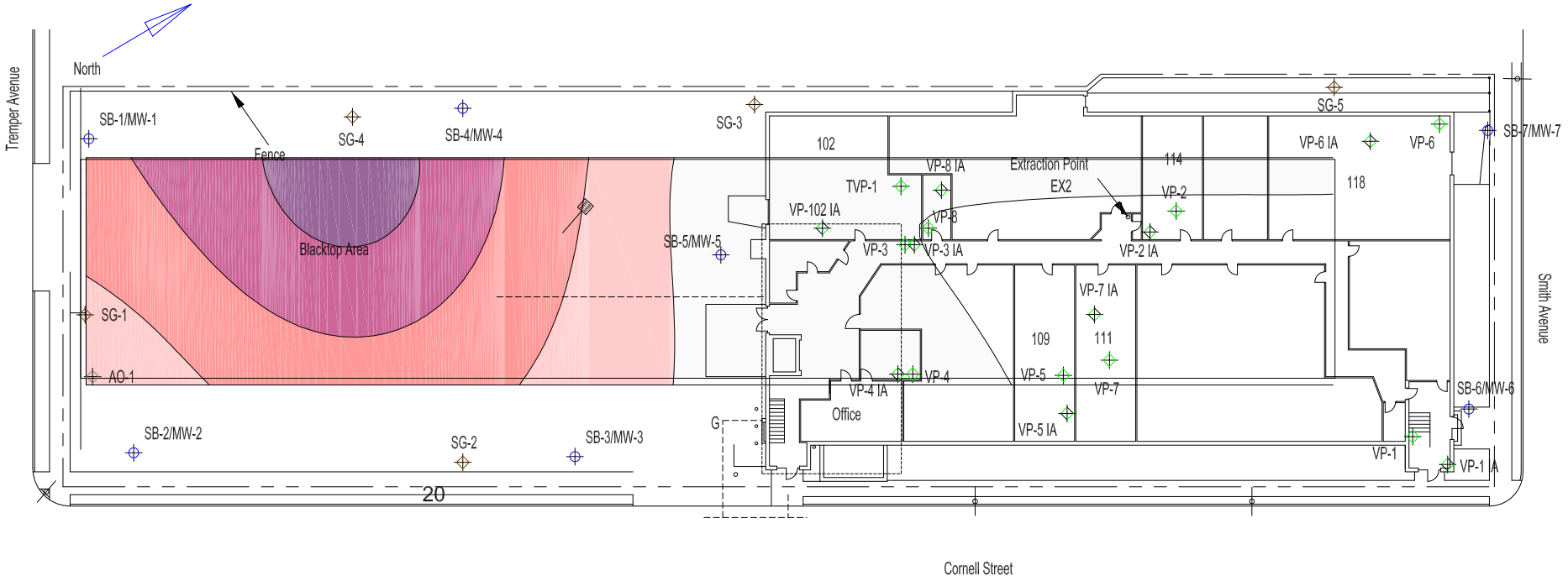
- Underground Utilities
- Approx. Property Line
- SB-XX Soil Boring
- SG-XX Soil Vapor Exterior
- VP-XX Vapor Point Interior
- VP-XXIA Vapor Point Indoor Ambient Air
- TVP-XX Future Test Point
- AO-XX Ambient Air Outdoor
- Utility Pole
- Storm Drain

0' 25' 50'

North

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: 77 Cornell Street LLC			
Location: 77 Cornell Street, Kingston, Ulster County, New York			
Title: PCE Soil Gas Contaminant Map - April 2022			
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 10



50

0

Key

- Underground Utilities
- Approx. Property Line
- SB-XX Soil Boring
- SG-XX Soil Vapor Exterior
- VP-XX Vapor Point Interior
- VP-XXIA Vapor Point Indoor Ambient Air
- TVP-XX Future Test Point
- AO-XX Ambient Air Outdoor
- Utility Pole
- Storm Drain

0' 25' 50'

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Client: 77 Cornell Street LLC			
Location: 77 Cornell Street, Kingston, Ulster County, New York			
Title: TCE Soil Gas Contaminant Map - April 2022			
Scale: Graphic	Drawn By: O.T.	Site No: 356061	Fig.#: 11

TABLES

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1 11/18/2020 18-20		SB-2 11/18/2020 18-20		SB-3 11/18/2020 15-17		SB-4 11/18/2020 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260										
1,1,1,2-Tetrachloroethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,1,1-Trichloroethane	0.68	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,1,2,2-Tetrachloroethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,1,2-Trichloroethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,1-Dichloroethane	0.27	26	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,1-Dichloroethylene	0.33	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,1-Dichloropropylene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2,3-Trichlorobenzene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2,3-Trichloropropane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2,4,5-Tetramethylbenzene	~	~	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-Trichlorobenzene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2,4-Trimethylbenzene	3.6	52	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dibromo-3-chloropropane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dibromoethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dichlorobenzene	1.1	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dichloroethane	0.02	3.1	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,2-Dichloropropane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,3,5-Trimethylbenzene	8.4	52	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,3-Dichlorobenzene	2.4	49	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,3-Dichloropropane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,4-Dichlorobenzene	1.8	13	0.00260	U	0.00280	U	0.00260	U	0.00240	U
1,4-Dioxane	0.1	13	0.0530	U	0.0560	U	0.0510	U	0.0490	U
2,2-Dichloropropane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
2-Butanone	0.12	100	0.00400	JB	0.00530	JB	0.00410	JB	0.00350	JB
2-Chloroethylvinyl ether	~	~	NT	NT	NT	NT	NT	NT	NT	NT
2-Chlorotoluene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
2-Hexanone	~	~	NT	NT	NT	NT	NT	NT	NT	NT
4-Chlorotoluene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
4-Methyl-2-pentanone	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Acetone	0.05	100	0.00530	U	0.00560	U	0.00510	U	0.00490	U
Acrolein	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Benzene	0.06	4.8	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Bromobenzene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Bromochloromethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Bromodichloromethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Bromoform	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Bromomethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Carbon disulfide	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Carbon tetrachloride	0.76	2.4	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Chlorobenzene	1.1	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Chloroethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Chloroform	0.37	49	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Chloromethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
cis-1,2-Dichloroethylene	0.25	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
cis-1,3-Dichloropropylene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Cyclohexane	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Dibromochloromethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs) ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1 11/18/2020 18-20		SB-2 11/18/2020 18-20		SB-3 11/18/2020 15-17		SB-4 11/18/2020 15-17	
			Result	Q	Result	Q	Result	Q	Result	Q
Dibromomethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Dichlorodifluoromethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Diisopropyl ether (DIPE)	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Ethanol	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Ethyl Benzene	1	41	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Ethyl tert-butyl ether (ETBE)	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Hexachlorobutadiene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Iodomethane	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Methyl acetate	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Methyl Methacrylate	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Methyl tert-butyl ether (MTBE)	0.93	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Methylcyclohexane	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Methylene chloride	0.05	100	0.00530	U	0.00560	U	0.00510	U	0.00490	U
Naphthalene	12	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
n-Butylbenzene	12	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
n-Propylbenzene	3.9	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
o-Xylene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
p- & m- Xylenes	~	~	0.00530	U	0.00560	U	0.00510	U	0.00490	U
p-Diethylbenzene	~	~	NT	NT	NT	NT	NT	NT	NT	NT
p-Ethyltoluene	~	~	NT	NT	NT	NT	NT	NT	NT	NT
p-Isopropyltoluene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
sec-Butylbenzene	11	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Styrene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
tert-Amyl alcohol (TAA)	~	~	NT	NT	NT	NT	NT	NT	NT	NT
tert-Amyl methyl ether (TAME)	~	~	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butyl alcohol (TBA)	~	~	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	5.9	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Tetrachloroethylene	1.3	19	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Tetrahydrofuran	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Toluene	0.7	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
trans-1,2-Dichloroethylene	0.19	100	0.00260	U	0.00280	U	0.00260	U	0.00240	U
trans-1,3-Dichloropropylene	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
trans-1,4-dichloro-2-butene	~	~	NT	NT	NT	NT	NT	NT	NT	NT
Trichloroethylene	0.47	21	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Trichlorofluoromethane	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Vinyl acetate	~	~	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Vinyl Chloride	0.02	0.9	0.00260	U	0.00280	U	0.00260	U	0.00240	U
Xylenes, Total	0.26	100	0.00790	U	0.00840	U	0.00770	U	0.00730	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-5 11/18/2020 15-17		SB-6 11/18/2020 4-6		SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260										
1,1,1,2-Tetrachloroethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,1,1-Trichloroethane	0.68	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,1,2,2-Tetrachloroethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,1,2-Trichloroethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,1-Dichloroethane	0.27	26	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,1-Dichloroethylene	0.33	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,1-Dichloropropylene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2,3-Trichlorobenzene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2,3-Trichloropropane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2,4,5-Tetramethylbenzene	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
1,2,4-Trichlorobenzene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2,4-Trimethylbenzene	3.6	52	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2-Dibromo-3-chloropropane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2-Dibromoethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2-Dichlorobenzene	1.1	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2-Dichloroethane	0.02	3.1	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,2-Dichloropropane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,3,5-Trimethylbenzene	8.4	52	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,3-Dichlorobenzene	2.4	49	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,3-Dichloropropane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,4-Dichlorobenzene	1.8	13	0.00250	U	0.00230	U	0.00240	U	0.00290	U
1,4-Dioxane	0.1	13	0.0500	U	0.0470	U	0.0480	U	0.0580	U
2,2-Dichloropropane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
2-Butanone	0.12	100	0.00400	JB	0.00410	JB	0.00240	U	0.00780	
2-Chloroethylvinyl ether	~	~	NT	NT	NT	NT	0.00950	U	0.0120	U
2-Chlorotoluene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
2-Hexanone	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
4-Chlorotoluene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
4-Methyl-2-pentanone	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Acetone	0.05	100	0.00500	U	0.00470	U	0.00480	U	0.120	
Acrolein	~	~	NT	NT	NT	NT	0.00480	U	0.00580	U
Acrylonitrile	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Benzene	0.06	4.8	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Bromobenzene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Bromochloromethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Bromodichloromethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Bromoform	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Bromomethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Carbon disulfide	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Carbon tetrachloride	0.76	2.4	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Chlorobenzene	1.1	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Chloroethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Chloroform	0.37	49	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Chloromethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
cis-1,2-Dichloroethylene	0.25	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
cis-1,3-Dichloropropylene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Cyclohexane	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Dibromochloromethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs) ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-5 11/18/2020 15-17		SB-6 11/18/2020 4-6		SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17	
			Result	Q	Result	Q	Result	Q	Result	Q
Dibromomethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Dichlorodifluoromethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Diisopropyl ether (DIPE)	~	~	NT	NT	NT	NT	0.00380	U	0.00470	U
Ethanol	~	~	NT	NT	NT	NT	0.0380	U	0.640	
Ethyl Benzene	1	41	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Ethyl tert-butyl ether (ETBE)	~	~	NT	NT	NT	NT	0.00380	U	0.00470	U
Hexachlorobutadiene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Iodomethane	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Isopropylbenzene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Methyl acetate	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Methyl Methacrylate	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Methylcyclohexane	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Methylene chloride	0.05	100	0.00500	U	0.00470	U	0.0250	B	0.120	B
Naphthalene	12	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
n-Butylbenzene	12	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
n-Propylbenzene	3.9	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
o-Xylene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
p- & m- Xylenes	~	~	0.00500	U	0.00470	U	0.00480	U	0.00580	U
p-Diethylbenzene	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
p-Ethyltoluene	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
p-Isopropyltoluene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
sec-Butylbenzene	11	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Styrene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
tert-Amyl alcohol (TAA)	~	~	NT	NT	NT	NT	0.0380	U	0.0470	U
tert-Amyl methyl ether (TAME)	~	~	NT	NT	NT	NT	0.00380	U	0.00470	U
tert-Butyl alcohol (TBA)	~	~	NT	NT	NT	NT	0.00240	U	0.0100	
tert-Butylbenzene	5.9	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Tetrachloroethylene	1.3	19	0.00250	U	0.00230	U	0.0440		0.00380	J
Tetrahydrofuran	~	~	NT	NT	NT	NT	0.00480	U	0.00580	U
Toluene	0.7	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
trans-1,2-Dichloroethylene	0.19	100	0.00250	U	0.00230	U	0.00240	U	0.00290	U
trans-1,3-Dichloropropylene	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
trans-1,4-dichloro-2-butene	~	~	NT	NT	NT	NT	0.00240	U	0.00290	U
Trichloroethylene	0.47	21	0.00810		0.00230	U	0.00240	U	0.00290	U
Trichlorofluoromethane	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Vinyl acetate	~	~	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Vinyl Chloride	0.02	0.9	0.00250	U	0.00230	U	0.00240	U	0.00290	U
Xylenes, Total	0.26	100	0.00740	U	0.00700	U	0.00720	U	0.00870	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17		SB-4A 4/5/2022 2-4	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260												
1,1,1,2-Tetrachloroethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,1,1-Trichloroethane	0.68	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,1,2,2-Tetrachloroethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,1,2-Trichloroethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,1-Dichloroethane	0.27	26	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,1-Dichloroethylene	0.33	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,1-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2,4,5-Tetramethylbenzene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2,4-Trimethylbenzene	3.6	52	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2-Dibromo-3-chloropropane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2-Dibromoethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2-Dichlorobenzene	1.1	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2-Dichloroethane	0.02	3.1	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,2-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,3,5-Trimethylbenzene	8.4	52	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,3-Dichlorobenzene	2.4	49	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,3-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,4-Dichlorobenzene	1.8	13	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
1,4-Dioxane	0.1	13	0.0460	U	0.0520	U	0.0540	U	0.0460	U	0.0500	U
2,2-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
2-Butanone	0.12	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
2-Chloroethylvinyl ether	~	~	0.00910	U	0.0100	U	0.0110	U	0.00920	U	0.0100	U
2-Chlorotoluene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
2-Hexanone	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
4-Chlorotoluene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
4-Methyl-2-pentanone	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Acetone	0.05	100	0.00820	J	0.0350		0.0480		0.00460	U	0.00500	U
Acrolein	~	~	0.00460	U	0.00520	U	0.00540	U	0.00460	U	0.00500	U
Acrylonitrile	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Benzene	0.06	4.8	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Bromobenzene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Bromochloromethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Bromodichloromethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Bromoform	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Bromomethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Carbon disulfide	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Carbon tetrachloride	0.76	2.4	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Chlorobenzene	1.1	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Chloroethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Chloroform	0.37	49	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Chloromethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
cis-1,2-Dichloroethylene	0.25	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
cis-1,3-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Cyclohexane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Dibromochloromethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17		SB-4A 4/5/2022 2-4	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Dibromomethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Dichlorodifluoromethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Diisopropyl ether (DIPE)	~	~	0.00360	U	0.00420	U	0.00430	U	0.00370	U	0.00400	U
Ethanol	~	~	0.0360	U	0.0420	U	0.0430	U	0.0370	U	0.0400	U
Ethyl Benzene	1	41	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00360	U	0.00420	U	0.00430	U	0.00370	U	0.00400	U
Hexachlorobutadiene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Iodomethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Isopropylbenzene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Methyl acetate	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Methyl Methacrylate	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Methylcyclohexane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Methylene chloride	0.05	100	0.0280	B	0.120	B	0.100	B	0.0380	B	0.0310	B
Naphthalene	12	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
n-Butylbenzene	12	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
n-Propylbenzene	3.9	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
o-Xylene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
p- & m- Xylenes	~	~	0.00460	U	0.00520	U	0.00540	U	0.00460	U	0.00500	U
p-Diethylbenzene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
p-Ethyltoluene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
p-Isopropyltoluene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
sec-Butylbenzene	11	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Styrene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
tert-Amyl alcohol (TAA)	~	~	0.0360	U	0.0420	U	0.0430	U	0.0370	U	0.0400	U
tert-Amyl methyl ether (TAME)	~	~	0.00360	U	0.00420	U	0.00430	U	0.00370	U	0.00400	U
tert-Butyl alcohol (TBA)	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
tert-Butylbenzene	5.9	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Tetrachloroethylene	1.3	19	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Tetrahydrofuran	~	~	0.00460	U	0.00520	U	0.00540	U	0.00460	U	0.00500	U
Toluene	0.7	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
trans-1,2-Dichloroethylene	0.19	100	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
trans-1,3-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
trans-1,4-dichloro-2-butene	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Trichloroethylene	0.47	21	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Trichlorofluoromethane	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Vinyl acetate	~	~	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Vinyl Chloride	0.02	0.9	0.00230	U	0.00260	U	0.00270	U	0.00230	U	0.00250	U
Xylenes, Total	0.26	100	0.00680	U	0.00790	U	0.00800	U	0.00690	U	0.00750	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-4B 4/5/2022 15-17		SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260										
1,1,1,2-Tetrachloroethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,1,1-Trichloroethane	0.68	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,1,2,2-Tetrachloroethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,1,2-Trichloroethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,1-Dichloroethane	0.27	26	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,1-Dichloroethylene	0.33	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,1-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2,4,5-Tetramethylbenzene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2,4-Trimethylbenzene	3.6	52	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2-Dibromo-3-chloropropane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2-Dibromoethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2-Dichlorobenzene	1.1	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2-Dichloroethane	0.02	3.1	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,2-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,3,5-Trimethylbenzene	8.4	52	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,3-Dichlorobenzene	2.4	49	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,3-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,4-Dichlorobenzene	1.8	13	0.00230	U	0.00260	U	0.00250	U	0.00230	U
1,4-Dioxane	0.1	13	0.0460	U	0.0510	U	0.0500	U	0.0470	U
2,2-Dichloropropane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
2-Butanone	0.12	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
2-Chloroethylvinyl ether	~	~	0.00910	U	0.0100	U	0.0100	U	0.00930	U
2-Chlorotoluene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
2-Hexanone	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
4-Chlorotoluene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
4-Methyl-2-pentanone	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Acetone	0.05	100	0.00460	U	0.00510	U	0.00500	U	0.00470	U
Acrolein	~	~	0.00460	U	0.00510	U	0.00500	U	0.00470	U
Acrylonitrile	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Benzene	0.06	4.8	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Bromobenzene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Bromochloromethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Bromodichloromethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Bromoform	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Bromomethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Carbon disulfide	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Carbon tetrachloride	0.76	2.4	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Chlorobenzene	1.1	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Chloroethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Chloroform	0.37	49	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Chloromethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
cis-1,2-Dichloroethylene	0.25	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
cis-1,3-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Cyclohexane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Dibromochloromethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-4B 4/5/2022 15-17		SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
Dibromomethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Dichlorodifluoromethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Diisopropyl ether (DIPE)	~	~	0.00370	U	0.00410	U	0.00400	U	0.00370	U
Ethanol	~	~	0.0370	U	0.0410	U	0.0400	U	0.0370	U
Ethyl Benzene	1	41	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00370	U	0.00410	U	0.00400	U	0.00370	U
Hexachlorobutadiene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Iodomethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Isopropylbenzene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Methyl acetate	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Methyl Methacrylate	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Methylcyclohexane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Methylene chloride	0.05	100	0.0390	B	0.0250		0.0310		0.0320	
Naphthalene	12	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
n-Butylbenzene	12	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
n-Propylbenzene	3.9	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
o-Xylene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
p- & m- Xylenes	~	~	0.00460	U	0.00510	U	0.00500	U	0.00470	U
p-Diethylbenzene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
p-Ethyltoluene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
p-Isopropyltoluene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
sec-Butylbenzene	11	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Styrene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
tert-Amyl alcohol (TAA)	~	~	0.0370	U	0.0410	U	0.0400	U	0.0370	U
tert-Amyl methyl ether (TAME)	~	~	0.00370	U	0.00410	U	0.00400	U	0.00370	U
tert-Butyl alcohol (TBA)	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
tert-Butylbenzene	5.9	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Tetrachloroethylene	1.3	19	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Tetrahydrofuran	~	~	0.00460	U	0.00510	U	0.00500	U	0.00470	U
Toluene	0.7	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
trans-1,2-Dichloroethylene	0.19	100	0.00230	U	0.00260	U	0.00250	U	0.00230	U
trans-1,3-Dichloropropylene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
trans-1,4-dichloro-2-butene	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Trichloroethylene	0.47	21	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Trichlorofluoromethane	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Vinyl acetate	~	~	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Vinyl Chloride	0.02	0.9	0.00230	U	0.00260	U	0.00250	U	0.00230	U
Xylenes, Total	0.26	100	0.00680	U	0.00770	U	0.00750	U	0.00700	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 1 - VOC Soil Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
VOCs, 8260										
1,1,1,2-Tetrachloroethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,1,1-Trichloroethane	0.68	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,1,2,2-Tetrachloroethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,1,2-Trichloroethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,1-Dichloroethane	0.27	26	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,1-Dichloroethylene	0.33	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,1-Dichloropropylene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2,3-Trichlorobenzene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2,3-Trichloropropane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2,4,5-Tetramethylbenzene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2,4-Trichlorobenzene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2,4-Trimethylbenzene	3.6	52	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2-Dibromo-3-chloropropane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2-Dibromoethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2-Dichlorobenzene	1.1	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2-Dichloroethane	0.02	3.1	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,2-Dichloropropane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,3,5-Trimethylbenzene	8.4	52	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,3-Dichlorobenzene	2.4	49	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,3-Dichloropropane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,4-Dichlorobenzene	1.8	13	0.00260	U	0.00220	U	0.00240	U	0.00220	U
1,4-Dioxane	0.1	13	0.0520	U	0.0430	U	0.0480	U	0.0450	U
2,2-Dichloropropane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
2-Butanone	0.12	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
2-Chloroethylvinyl ether	~	~	0.0100	U	0.00870	U	0.00960	U	0.00900	U
2-Chlorotoluene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
2-Hexanone	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
4-Chlorotoluene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
4-Methyl-2-pentanone	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Acetone	0.05	100	0.00520	U	0.00430	U	0.00480	U	0.00450	U
Acrolein	~	~	0.00520	U	0.00430	U	0.00480	U	0.00450	U
Acrylonitrile	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Benzene	0.06	4.8	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Bromobenzene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Bromochloromethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Bromodichloromethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Bromoform	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Bromomethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Carbon disulfide	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Carbon tetrachloride	0.76	2.4	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Chlorobenzene	1.1	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Chloroethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Chloroform	0.37	49	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Chloromethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
cis-1,2-Dichloroethylene	0.25	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
cis-1,3-Dichloropropylene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Cyclohexane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Dibromochloromethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U

Table 1 - VOC Soil Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
Dibromomethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Dichlorodifluoromethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Diisopropyl ether (DIPE)	~	~	0.00420	U	0.00350	U	0.00390	U	0.00360	U
Ethanol	~	~	0.0420	U	0.0350	U	0.0390	U	0.0360	U
Ethyl Benzene	1	41	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Ethyl tert-butyl ether (ETBE)	~	~	0.00420	U	0.00350	U	0.00390	U	0.00360	U
Hexachlorobutadiene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Iodomethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Isopropylbenzene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Methyl acetate	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Methyl Methacrylate	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Methylcyclohexane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Methylene chloride	0.05	100	0.0660		0.0630		0.0170		0.0240	
Naphthalene	12	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
n-Butylbenzene	12	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
n-Propylbenzene	3.9	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
o-Xylene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
p- & m- Xylenes	~	~	0.00520	U	0.00430	U	0.00480	U	0.00450	U
p-Diethylbenzene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
p-Ethyltoluene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
p-Isopropyltoluene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
sec-Butylbenzene	11	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Styrene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
tert-Amyl alcohol (TAA)	~	~	0.0420	U	0.0350	U	0.0390	U	0.0360	U
tert-Amyl methyl ether (TAME)	~	~	0.00420	U	0.00350	U	0.00390	U	0.00360	U
tert-Butyl alcohol (TBA)	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
tert-Butylbenzene	5.9	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Tetrachloroethylene	1.3	19	0.00260	U	0.00510		0.00240	U	0.00220	U
Tetrahydrofuran	~	~	0.00520	U	0.00430	U	0.00480	U	0.00450	U
Toluene	0.7	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
trans-1,2-Dichloroethylene	0.19	100	0.00260	U	0.00220	U	0.00240	U	0.00220	U
trans-1,3-Dichloropropylene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
trans-1,4-dichloro-2-butene	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Trichloroethylene	0.47	21	0.00260	U	0.0110		0.00240	U	0.0330	
Trichlorofluoromethane	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Vinyl acetate	~	~	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Vinyl Chloride	0.02	0.9	0.00260	U	0.00220	U	0.00240	U	0.00220	U
Xylenes, Total	0.26	100	0.00790	U	0.00650	U	0.00720	U	0.00670	U

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE RRU SCO
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution
B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants
J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 2 - SVOC Soil Data

77 Cornell Street, Kingston NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17		SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270														
1,4-Dioxane	0.1	13	0.0196	U	0.0183	U	0.0183	U	0.0189	U	0.0187	U	0.0185	U
1,1-Biphenyl	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
1,2,4-Trichlorobenzene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
1,2-Dichlorobenzene	1.1	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
1,3-Dichlorobenzene	2.4	49	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
1,4-Dichlorobenzene	1.8	13	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2,3,4,6-Tetrachlorophenol	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
2,4,5-Trichlorophenol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2,4,6-Trichlorophenol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2,4-Dichlorophenol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2,4-Dimethylphenol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2,4-Dinitrophenol	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
2,4-Dinitrotoluene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2,6-Dinitrotoluene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2-Chloronaphthalene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2-Chlorophenol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2-Methylnaphthalene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2-Methylphenol	0.33	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
2-Nitroaniline	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
2-Nitrophenol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
3- & 4-Methylphenols	0.33	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
3,3-Dichlorobenzidine	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
3-Nitroaniline	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
4,6-Dinitro-2-methylphenol	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
4-Bromophenyl phenyl ether	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
4-Chloro-3-methylphenol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
4-Chloroaniline	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
4-Chlorophenyl phenyl ether	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
4-Nitroaniline	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
4-Nitrophenol	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
Acenaphthene	20	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
,	100	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Acetophenone	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Aniline	~	~	0.176	U	0.188	U	0.176	U	0.183	U	0.178	U	0.173	U
Anthracene	100	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Atrazine	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Benzaldehyde	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Benzidine	~	~	0.176	U	0.188	U	0.176	U	0.183	U	0.178	U	0.173	U
Benzo(a)anthracene	1	1	0.0442	U	0.0470	U	0.0585	JD	0.0458	U	0.0445	U	0.0434	U
Benzo(a)pyrene	1	1	0.0458	JD	0.0470	U	0.0620	JD	0.0458	U	0.0445	U	0.0434	U
Benzo(b)fluoranthene	1	1	0.0486	JD	0.0470	U	0.0705	JD	0.0458	U	0.0445	U	0.0434	U
Benzo(g,h,i)perylene	100	100	0.0442	U	0.0470	U	0.0655	JD	0.0458	U	0.0445	U	0.0434	U
Benzo(k)fluoranthene	0.8	3.9	0.0442	U	0.0470	U	0.0500	JD	0.0458	U	0.0445	U	0.0434	U

Table 2 - SVOC Soil Data

77 Cornell Street, Kingston NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17		SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzoic acid	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Benzyl alcohol	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Benzyl butyl phthalate	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Bis(2-chloroethoxy)methane	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Bis(2-chloroethyl)ether	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Bis(2-chloroisopropyl)ether	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Bis(2-ethylhexyl)phthalate	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Caprolactam	~	~	0.0881	U	0.0938	U	0.0881	U	0.0913	U	0.0889	U	0.0866	U
Carbazole	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Chrysene	1	3.9	0.0535	JD	0.0470	U	0.0662	JD	0.0458	U	0.0445	U	0.0434	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Dibenzofuran	7	59	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Diethyl phthalate	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Dimethyl phthalate	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Di-n-butyl phthalate	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Di-n-octyl phthalate	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Fluoranthene	100	100	0.109	D	0.0470	U	0.106	D	0.0458	U	0.0445	U	0.0434	U
Fluorene	30	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Hexachlorobenzene	0.33	1.2	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Hexachlorobutadiene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Hexachlorocyclopentadiene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Hexachloroethane	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0458	JD	0.0470	U	0.0676	JD	0.0458	U	0.0445	U	0.0434	U
Isophorone	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Naphthalene	12	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Nitrobenzene	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
N-Nitrosodimethylamine	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
N-nitroso-di-n-propylamine	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
N-Nitrosodiphenylamine	~	~	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Pentachlorophenol	0.8	6.7	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Phenanthrene	100	100	0.0458	JD	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Phenol	0.33	100	0.0442	U	0.0470	U	0.0442	U	0.0458	U	0.0445	U	0.0434	U
Pyrene	100	100	0.0972	D	0.0470	U	0.104	D	0.0458	U	0.0445	U	0.0434	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 2 - SVOC Soil Data

77 Cornell Street, Kingston NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs) ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-4A 4/5/2022 2-4		SB-4B 4/5/2022 15-17		SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270												
1,4-Dioxane	0.1	13	0.0185	U	0.0192	U	0.0194	U	0.0192	U	0.0183	U
1,1-Biphenyl	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
1,2,4-Trichlorobenzene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
1,2-Dichlorobenzene	1.1	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
1,3-Dichlorobenzene	2.4	49	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
1,4-Dichlorobenzene	1.8	13	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2,3,4,6-Tetrachlorophenol	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
2,4,5-Trichlorophenol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2,4,6-Trichlorophenol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2,4-Dichlorophenol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2,4-Dimethylphenol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2,4-Dinitrophenol	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
2,4-Dinitrotoluene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2,6-Dinitrotoluene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2-Chloronaphthalene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2-Chlorophenol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2-Methylnaphthalene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2-Methylphenol	0.33	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
2-Nitroaniline	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
2-Nitrophenol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
3- & 4-Methylphenols	0.33	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
3,3-Dichlorobenzidine	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
3-Nitroaniline	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
4,6-Dinitro-2-methylphenol	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
4-Bromophenyl phenyl ether	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
4-Chloro-3-methylphenol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
4-Chloroaniline	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
4-Chlorophenyl phenyl ether	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
4-Nitroaniline	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
4-Nitrophenol	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
Acenaphthene	20	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
,	100	100	0.0888	JD	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Acetophenone	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Aniline	~	~	0.182	U	0.175	U	0.172	U	0.168	U	0.168	U
Anthracene	100	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Atrazine	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzaldehyde	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzidine	~	~	0.182	U	0.175	U	0.172	U	0.168	U	0.168	U
Benzo(a)anthracene	1	1	0.318	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzo(a)pyrene	1	1	0.381	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzo(b)fluoranthene	1	1	0.305	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzo(g,h,i)perylene	100	100	0.336	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzo(k)fluoranthene	0.8	3.9	0.286	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U

Table 2 - SVOC Soil Data

77 Cornell Street, Kingston NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs) ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-4A 4/5/2022 2-4		SB-4B 4/5/2022 15-17		SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzoic acid	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzyl alcohol	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Benzyl butyl phthalate	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Bis(2-chloroethoxy)methane	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Bis(2-chloroethyl)ether	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Bis(2-chloroisopropyl)ether	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Bis(2-ethylhexyl)phthalate	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Caprolactam	~	~	0.0910	U	0.0875	U	0.0858	U	0.0841	U	0.0841	U
Carbazole	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Chrysene	1	3.9	0.315	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Dibenzofuran	7	59	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Diethyl phthalate	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Dimethyl phthalate	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Di-n-butyl phthalate	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Di-n-octyl phthalate	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Fluoranthene	100	100	0.439	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Fluorene	30	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Hexachlorobenzene	0.33	1.2	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Hexachlorobutadiene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Hexachlorocyclopentadiene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Hexachloroethane	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.369	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Isophorone	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Naphthalene	12	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Nitrobenzene	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
N-Nitrosodimethylamine	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
N-nitroso-di-n-propylamine	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
N-Nitrosodiphenylamine	~	~	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Pentachlorophenol	0.8	6.7	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Phenanthrene	100	100	0.0880	JD	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Phenol	0.33	100	0.0456	U	0.0439	U	0.0430	U	0.0421	U	0.0421	U
Pyrene	100	100	0.519	D	0.0439	U	0.0430	U	0.0421	U	0.0421	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 2 - SVOC Soil Data

77 Cornell Street, Kingston NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs) ALL UNITS IN MG/KG (PPM)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
			Result	Q	Result	Q	Result	Q	Result	Q
SVOCs, 8270										
1,4-Dioxane	0.1	13	0.0183	U	0.0190	U	0.0194	U	0.0192	U
1,1-Biphenyl	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
1,2,4,5-Tetrachlorobenzene	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
1,2,4-Trichlorobenzene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
1,2-Dichlorobenzene	1.1	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
1,3-Dichlorobenzene	2.4	49	0.0459	U	0.0453	U	0.0466	U	0.0452	U
1,4-Dichlorobenzene	1.8	13	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2,3,4,6-Tetrachlorophenol	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
2,4,5-Trichlorophenol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2,4,6-Trichlorophenol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2,4-Dichlorophenol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2,4-Dimethylphenol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2,4-Dinitrophenol	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
2,4-Dinitrotoluene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2,6-Dinitrotoluene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2-Chloronaphthalene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2-Chlorophenol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2-Methylnaphthalene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2-Methylphenol	0.33	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
2-Nitroaniline	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
2-Nitrophenol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
3- & 4-Methylphenols	0.33	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
3,3-Dichlorobenzidine	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
3-Nitroaniline	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
4,6-Dinitro-2-methylphenol	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
4-Bromophenyl phenyl ether	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
4-Chloro-3-methylphenol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
4-Chloroaniline	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
4-Chlorophenyl phenyl ether	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
4-Nitroaniline	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
4-Nitrophenol	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
Acenaphthene	20	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
,	100	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Acetophenone	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Aniline	~	~	0.183	U	0.181	U	0.186	U	0.180	U
Anthracene	100	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Atrazine	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzaldehyde	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzidine	~	~	0.183	U	0.181	U	0.186	U	0.180	U
Benzo(a)anthracene	1	1	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzo(a)pyrene	1	1	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzo(b)fluoranthene	1	1	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzo(g,h,i)perylene	100	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzo(k)fluoranthene	0.8	3.9	0.0459	U	0.0453	U	0.0466	U	0.0452	U

Table 2 - SVOC Soil Data

77 Cornell Street, Kingston NY

Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q
Benzoic acid	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzyl alcohol	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Benzyl butyl phthalate	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Bis(2-chloroethoxy)methane	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Bis(2-chloroethyl)ether	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Bis(2-chloroisopropyl)ether	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Bis(2-ethylhexyl)phthalate	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Caprolactam	~	~	0.0915	U	0.0904	U	0.0931	U	0.0901	U
Carbazole	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Chrysene	1	3.9	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Dibenzofuran	7	59	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Diethyl phthalate	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Dimethyl phthalate	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Di-n-butyl phthalate	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Di-n-octyl phthalate	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Fluoranthene	100	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Fluorene	30	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Hexachlorobenzene	0.33	1.2	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Hexachlorobutadiene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Hexachlorocyclopentadiene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Hexachloroethane	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Isophorone	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Naphthalene	12	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Nitrobenzene	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
N-Nitrosodimethylamine	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
N-nitroso-di-n-propylamine	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
N-Nitrosodiphenylamine	~	~	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Pentachlorophenol	0.8	6.7	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Phenanthrene	100	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Phenol	0.33	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U
Pyrene	100	100	0.0459	U	0.0453	U	0.0466	U	0.0452	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection Limit) but below the RL (Reporting Limit) - data is estimated

Table 1 - Pesticide Soil Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17		SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17		SB-4A 4/5/2022 2-4		SB-4B 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PESTICIDES, 8081																		
4,4'-DDD	0.0033	13	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
4,4'-DDE	0.0033	8.9	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
4,4'-DDT	0.0033	7.9	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Aldrin	0.005	0.097	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
alpha-BHC	0.02	0.48	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
alpha-Chlordane	0.094	4.2	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
beta-BHC	0.036	0.36	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Chlordane, total	~	~	0.0347	U	0.0370	U	0.0348	U	0.0367	U	0.0354	U	0.0343	U	0.0361	U	0.0351	U
delta-BHC	0.04	100	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Dieldrin	0.005	0.2	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Endosulfan I	2.4	24	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Endosulfan II	2.4	24	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Endosulfan sulfate	2.4	24	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Endrin	0.014	11	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Endrin aldehyde	~	~	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Endrin ketone	~	~	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
gamma-BHC (Lindane)	0.1	1.3	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
gamma-Chlordane	~	~	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Heptachlor	0.042	2.1	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Heptachlor epoxide	~	~	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Methoxychlor	~	~	0.00174	U	0.00185	U	0.00174	U	0.00184	U	0.00177	U	0.00171	U	0.00181	U	0.00175	U
Toxaphene	~	~	0.174	U	0.185	U	0.174	U	0.184	U	0.177	U	0.171	U	0.181	U	0.175	U

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

Table 1 - Pesticide Soil Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17		SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PESTICIDES, 8081																
4,4'-DDD	0.0033	13	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
4,4'-DDE	0.0033	8.9	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
4,4'-DDT	0.0033	7.9	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Aldrin	0.005	0.097	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
alpha-BHC	0.02	0.48	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
alpha-Chlordane	0.094	4.2	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
beta-BHC	0.036	0.36	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Chlordane, total	~	~	0.0346	U	0.0342	U	0.0334	U	0.0364	U	0.0358	U	0.0367	U	0.0351	U
delta-BHC	0.04	100	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Dieldrin	0.005	0.2	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Endosulfan I	2.4	24	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Endosulfan II	2.4	24	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Endosulfan sulfate	2.4	24	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Endrin	0.014	11	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Endrin aldehyde	~	~	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Endrin ketone	~	~	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
gamma-BHC (Lindane)	0.1	1.3	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
gamma-Chlordane	~	~	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Heptachlor	0.042	2.1	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Heptachlor epoxide	~	~	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Methoxychlor	~	~	0.00173	U	0.00171	U	0.00167	U	0.00182	U	0.00179	U	0.00184	U	0.00175	U
Toxaphene	~	~	0.173	U	0.171	U	0.167	U	0.182	U	0.179	U	0.184	U	0.175	U

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

Table 1 - Metals Soil Data
77 Cornell Street, Kingston, NY
Site # 356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17		SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17		SB-4A 4/5/2022 2-4		SB-4B 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, 6010 and 7473																		
Aluminum	~	~	9,250		8,140		11,300		6,970		9,740		6,370		9,060		5,630	
Antimony	~	~	3.640		5.840		5.760		4.780		3.860		4.160		13.300		3.030	
Arsenic	13	16	1.620	U	10.200		1.700		2.190		1.620	U	1.580	U	6.070		1.620	U
Barium	350	400	58.300		40.400		28.900		47.200		31.500		21.900		209		28	
Beryllium	7.2	72	0.238		0.396		0.289		0.241		0.322		0.252		0.315		0.216	
Cadmium	2.5	4.3	0.324	U	0.343	U	0.320	U	0.335	U	0.325	U	0.316	U	0.803		0.324	U
Calcium	~	~	3,630	B	351	B	414	B	404	B	438	B	401	B	2,630	B	139	B
Chromium	~	~	9.810		9.370		12.300		9.970		9.910		7.760		44.500		7.050	
Cobalt	~	~	5.110		6.300		7.630		6.050		5.810		5.970		7.550		5.120	
Copper	50	270	10.700		11.900		9.350		9.990		11.100		10.800		66.9		8.170	
Iron	~	~	12,600		18,200		18,200		15,000		14,000		13,500		42,700		12,000	
Lead	63	400	16.200		5.790		6.410		5.240		5.380		4.770		359		4.720	
Magnesium	~	~	1,940		2,990		2,850		2,490		2,150		2,320		1,970		2,110	
Manganese	1600	2000	523		440		345		579		256		292		572		418	
Nickel	30	310	12.800		15.300		18.800		14		12.600		13.800		20.100		12.300	
Potassium	~	~	698		1,070		832		1,090		668		878		707		753	
Selenium	3.9	180	2.700	U	2.860	U	2.670	U	2.790	U	2.710	U	2.630	U	2.790	U	2.700	U
Silver	2	180	0.541	U	0.572	U	0.534	U	0.558	U	0.542	U	0.526	U	1.770		0.540	U
Sodium	~	~	65.800		66.100		53.400	U	59.400		74.200		56.200		205		54	U
Thallium	~	~	2.700	U	2.860	U	2.670	U	2.790	U	2.710	U	2.630	U	2.790	U	2.700	U
Vanadium	~	~	11.900		8.930		14.800		9.370		12.800		8.360		15.800		7.170	
Zinc	109	10000	37.700		42.700		39.200		36.800		36.500		35.800		364		30.600	
Mercury	0.18	0.81	0.0910		0.0343	U	0.0320	U	0.0335	U	0.0690		0.0316	U	0.306		0.0324	U
Cyanide, total	27	27	0.541	U	0.572	U	0.534	U	0.558	U	0.542	U	0.526	U	0.558	U	0.540	U

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated
B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

Table 1 - Metals Soil Data
77 Cornell Street, Kingston, NY
Site # 356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17		SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, 6010 and 7473																
Aluminum	~	~	6,050		6,560		6,810		15,700		6,050		8,510		7,980	
Antimony	~	~	3.670		4.240		4.230		6.010		4.640		4.770		5	
Arsenic	13	16	1.580	U	1.560	U	4.030		3.550		1.660	U	3.570		1.710	
Barium	350	400	17.400		28.400		38.100		120		28.800		146		49.100	
Beryllium	7.2	72	0.218		0.248		0.284		0.446		0.245		0.286		0.339	
Cadmium	2.5	4.3	0.316	U	0.312	U	0.311	U	0.339	U	6.180		0.517		0.325	U
Calcium	~	~	296	B	278	B	300	B	2,240	B	259	B	2,440	B	280	B
Chromium	~	~	7.490		7.940		8.980		16.400		8.320		25		10.900	
Cobalt	~	~	5		5.110		5.820		8.710		5.100		6.460		8.140	
Copper	50	270	9.450		10.400		11.500		23.500		7.630		23.400		14.600	
Iron	~	~	12,900		13,600		15,000		20,800		14,300		14,700		17,700	
Lead	63	400	2.970		3.480		5.370		85.2		3.660		190		6.550	
Magnesium	~	~	2,170		2,450		2,520		2,910		2,230		2,330		2,780	
Manganese	1600	2000	318		321		480		1,010		335		464		593	
Nickel	30	310	11.700		12.900		13		18.900		13.400		15.100		16.500	
Potassium	~	~	776		911		795		1,380		807		850		854	
Selenium	3.9	180	2.630	U	2.600	U	2.600	U	2.830	U	2.770	U	2.840	U	2.710	U
Silver	2	180	0.526	U	0.519	U	0.519	U	0.565	U	0.555	U	0.567	U	0.542	U
Sodium	~	~	97.300		59.700		64.700		687		55.500	U	355		64.500	
Thallium	~	~	2.630	U	2.600	U	2.600	U	2.830	U	2.770	U	2.840	U	2.710	U
Vanadium	~	~	7.790		8.270		8.920		20.900		7.710		15.200		11.200	
Zinc	109	10000	29.700		31.300		35.500		109		33.400		222		47.900	
Mercury	0.18	0.81	0.0316	U	0.0312	U	0.0311	U	0.0620		0.0333	U	0.0558		0.0325	U
Cyanide, total	27	27	0.526	U	0.519	U	0.519	U	0.565	U	0.555	U	0.567	U	0.542	U

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated
B-=Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

Table 1 - PCB Soil Data

77 Cornell Street, Kingston, NY

Site # 356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17		SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17		SB-4A 4/5/2022 2-4		SB-4B 4/5/2022 15-17	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs, 8082																		
Aroclor 1016	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1221	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1232	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1242	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1248	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1254	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1260	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1262	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Aroclor 1268	~	~	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U
Total PCBs	0.1	1	0.0175	U	0.0187	U	0.0175	U	0.0185	U	0.0179	U	0.0173	U	0.0182	U	0.0177	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

Table 1 - PCB Soil Data

77 Cornell Street, Kingston, NY

Site # 356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17		SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
ALL UNITS IN MG/KG (PPM)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PCBs, 8082																
Aroclor 1016	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1221	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1232	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1242	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1248	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1254	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1260	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1262	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Aroclor 1268	~	~	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U
Total PCBs	0.1	1	0.0175	U	0.0172	U	0.0168	U	0.0184	U	0.0181	U	0.0185	U	0.0177	U

ANALYTE DETECTED

ANALYTE DETECTED ABOVE UU SCO

ANALYTE DETECTED ABOVE RRU SCO

U=analyte not detected at or above the level indicated

Table 1 - PFAS Soil Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted-Oct2020	NYSDEC Part 375 Remedial Soil Guidance PFAS Restricted-Residential-Oct2020	SB-1A 4/5/2022 2-4		SB-1B 4/5/2022 15-17		SB-2A 4/5/2022 2-4		SB-2B 4/5/2022 15-17		SB-3A 4/5/2022 2-4		SB-3B 4/5/2022 15-17		SB-4A 4/5/2022 2-4		SB-4B 4/5/2022 15-17	
ALL UNITS IN µG/KG (PPB)			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List																		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
N-EtFOSAA	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
N-MeFOSAA	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorodecanoic acid (PFDA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorododecanoic acid (PFDoA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorohexanoic acid (PFHxA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorononanoic acid (PFNA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorooctanoic acid (PFOA)	0.66	33	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluoropentanoic acid (PFPeA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.00027	U	0.00027	U	0.00025	U	0.00027	U	0.00026	U	0.00026	U	0.00028	U	0.00026	U

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE RRU SCO
U=analyte not detected at or above the level indicated

Table 1 - PFAS Soil Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID Sampling Date Sample Depth (Feet bgs)	NYSDEC Part 375 Remedial Soil Guidance	NYSDEC Part 375 Remedial Soil Guidance	SB-5A 4/5/2022 2-4		SB-5B 4/5/2022 15-17		SB-5B Dup 4/5/2022 15-17		SB-6A 4/6/2022 2-4		SB-6B 4/6/2022 14-16		SB-7A 4/6/2022 2-4		SB-7B 4/6/2022 14-16	
ALL UNITS IN µG/KG (PPB)	**PFAS Unrestricted-Oct2020**	**PFAS Restricted-Residential-Oct2020**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, NYSDEC Target List																
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
N-EtFOSAA	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
N-MeFOSAA	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluoro-1-decanesulfonic acid (PFDS)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluoro-1-octanesulfonamide (FOSA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorobutanesulfonic acid (PFBS)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorodecanoic acid (PFDA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorododecanoic acid (PFDoA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluoroheptanoic acid (PFHpA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorohexanesulfonic acid (PFHxS)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorohexanoic acid (PFHxA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluoro-n-butanoic acid (PFBA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorononanoic acid (PFNA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00031		0.00026	U	0.00028	U	0.00027	U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.00026	U	0.00024	U	0.00025	U	0.00038		0.00026	U	0.00028	U	0.00027	U
Perfluorooctanoic acid (PFOA)	0.66	33	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluoropentanoic acid (PFPeA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorotetradecanoic acid (PFTA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluorotridecanoic acid (PFTrDA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U
Perfluoroundecanoic acid (PFUnA)	~	~	0.00026	U	0.00024	U	0.00025	U	0.00026	U	0.00026	U	0.00028	U	0.00027	U

ANALYTE DETECTED
ANALYTE DETECTED ABOVE UU SCO
ANALYTE DETECTED ABOVE RRU SCO
U=analyte not detected at or above the level indicated

Table 2- VOC Groundwater Data

77 Cornell Street, Kingston, NY

Site #356061

Sample ID Sampling Date	AWQS	SB-3 GW 11/18/2020		SB-4 GW 11/18/2020		SB-5 GW 11/18/2020	
ALL UNITS IN MICROGRAMS PER LITER (µg/L)		Result	Q	Result	Q	Result	Q
VOCs 8260							
1,1,1,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	5	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	1	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	5	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	5	0.200	U	0.200	U	0.200	U
1,1-Dichloropropylene	5	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	0.04	*0.200*	*U*	*0.200*	*U*	*0.200*	U
1,2,4,5-Tetramethylbenzene	~	0.270	J	0.200	U	0.200	U
1,2,4-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	0.04	*0.200*	U	*0.200*	*U*	*0.200*	*U*
1,2-Dibromoethane	0.0006	*0.200*	*U*	*0.200*	*U*	*0.200*	*U*
1,2-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	0.6	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	1	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	5	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	5	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U
2,2-Dichloropropane	5	0.200	U	0.200	U	0.200	U
2-Butanone	50	0.800	JB	0.880	JB	1	JB
2-Chlorotoluene	5	0.200	U	0.200	U	0.200	U
2-Hexanone	50	0.200	U	0.200	U	0.200	U
4-Chlorotoluene	5	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	~	0.200	U	0.200	U	0.200	U
Acetone	50	1	U	1	U	1	U
Benzene	1	0.200	U	0.200	U	0.200	U
Bromobenzene	5	0.200	U	0.200	U	0.200	U
Bromochloromethane	5	0.200	U	0.200	U	0.200	U
Bromodichloromethane	50	0.200	U	0.200	U	0.200	U
Bromoform	50	0.200	U	0.200	U	0.200	U
Bromomethane	5	0.200	U	0.200	U	0.200	U
Carbon disulfide	~	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	5	0.200	U	0.200	U	0.200	U
Chlorobenzene	5	0.200	U	0.200	U	0.200	U
Chloroethane	5	0.200	U	0.200	U	0.200	U
Chloroform	7	**11**		0.270	J	1.500	
Chloromethane	5	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	5	0.200	U	0.370	J	1.800	
cis-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U
Dibromochloromethane	50	0.200	U	0.200	U	0.200	U
Dibromomethane	~	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	5	0.200	U	0.200	U	0.200	U
Ethyl Benzene	5	0.200	U	0.200	U	0.200	U

Table 2- VOC Groundwater Data

77 Cornell Street, Kingston, NY

Site #356061

Hexachlorobutadiene	0.5	0.200	U	0.200	U	0.200	U
Isopropylbenzene	5	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	10	0.200	U	0.200	U	0.200	U
Methylene chloride	5	1	U	1	U	1	U
Naphthalene	10	1.100	J	1	U	1	U
n-Butylbenzene	5	0.200	U	0.200	U	0.200	U
n-Propylbenzene	5	0.200	U	0.200	U	0.200	U
o-Xylene	5	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	~	0.500	U	0.500	U	0.500	U
p-Diethylbenzene	~	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	~	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	5	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	5	0.200	U	0.200	U	0.200	U
Styrene	5	0.200	U	0.200	U	0.200	U
tert-Butylbenzene	5	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	5	**12**		1.200		2.400	
Toluene	5	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	5	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U
Trichloroethylene	5	**9.600**		**11**		**30**	
Trichlorofluoromethane	5	0.200	U	0.200	U	0.200	U
Vinyl Chloride	2	0.200	U	0.200	U	0.200	U
Xylenes, Total	5	0.600	U	0.600	U	0.600	U

Concentration Detected

Concentration Above AWQS

ITALICS indicate laboratory detection limit above AWQS

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is e

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

Table 3 - Exterior Soil Gas Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID	SG-1		SV-1A		SV-2A		SG-3		SG-4		SV-4A		SG-5	
Sampling Date	4/5/2022		9/16/2022		9/16/2022		4/5/2022		4/5/2022		9/16/2022		4/5/2022	
Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m^3)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO15														
1,1,1,2-Tetrachloroethane	1.200	U	5.200	U	1.400	U	2.400	U	1.500	U	5.700	U	1.400	U
1,1,1-Trichloroethane	0.960	U	4.200	U	5	D	1.900	U	1.300	D	4.500	D	1.100	U
1,1,2,2-Tetrachloroethane	1.200	U	5.200	U	1.400	U	2.400	U	1.500	U	5.700	U	1.400	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.400	U	5.800	U	1.500	U	2.700	U	1.700	U	6.300	U	1.600	U
1,1,2-Trichloroethane	0.960	U	4.200	U	1.100	U	1.900	U	1.200	U	4.500	U	1.100	U
1,1-Dichloroethane	0.720	U	3.100	U	0.810	U	1.400	U	0.910	U	3.300	U	0.840	U
1,1-Dichloroethylene	0.180	U	0.750	U	0.200	U	0.350	U	0.220	U	0.820	U	0.210	U
1,2,4-Trichlorobenzene	1.300	U	5.700	U	1.500	U	2.600	U	1.700	U	6.100	U	1.500	U
1,2,4-Trimethylbenzene	39	D	87	D	89	D	30	D	37	D	60	D	5.600	D
1,2-Dibromoethane	1.400	U	5.900	U	1.500	U	2.700	U	1.700	U	6.300	U	1.600	U
1,2-Dichlorobenzene	1.100	U	4.600	U	1.200	U	2.100	U	1.300	U	5	U	1.200	D
1,2-Dichloroethane	0.720	U	3.100	U	0.810	U	1.400	U	0.910	U	3.300	U	0.840	U
1,2-Dichloropropane	0.820	U	3.500	U	0.920	U	1.600	U	1	U	3.800	U	0.960	U
1,2-Dichlorotetrafluoroethane	1.200	U	5.300	U	1.400	U	2.500	U	1.600	U	5.800	U	1.500	U
1,3,5-Trimethylbenzene	9.700	D	24	D	24	D	7.300	D	9.300	D	17	D	1.300	D
1,3-Butadiene	1.200	J	5.100	U	1.300	U	2.400	J	1.500	J	5.500	U	1.400	U
1,3-Dichlorobenzene	1.100	U	4.600	U	1.200	U	2.100	U	1.300	U	5	U	1.200	J
1,3-Dichloropropane	0.820	U	3.500	U	0.920	U	1.600	U	1	U	3.800	U	0.960	U
1,4-Dichlorobenzene	1.100	U	4.600	U	1.200	U	2.100	U	1.300	U	5	U	1.200	D
1,4-Dioxane	1.300	U	5.500	U	1.400	U	2.600	U	1.600	U	5.900	U	1.500	U
2-Butanone	8.900	D	9.700	D	8.600	D	3.300	D	6.700	D	5.100	D	1.700	D
2-Hexanone	1.400	J	6.600	D	6.300	D	2.900	U	1.800	J	6.800	J	1.700	U
3-Chloropropene	2.800	U	12	U	3.100	U	5.600	U	3.500	U	13	U	3.200	U
4-Methyl-2-pentanone	0.720	U	63	D	59	D	1.500	U	0.920	U	57	D	0.850	U
Acetone	39	D	50	D	34	D	37	D	37	D	21	D	13	D
Acrylonitrile	0.380	U	1.700	U	0.430	U	0.770	U	0.490	U	1.800	U	0.450	U
Benzene	3.200	D	6.300	D	5.100	D	4.200	D	3.100	D	5.300	D	2.300	D
Benzyl chloride	0.910	U	3.900	U	1	U	1.800	U	1.200	U	4.300	U	1.100	U
Bromodichloromethane	1.200	U	5.100	U	1.300	U	2.400	U	1.500	U	5.500	U	1.400	U
Bromoform	1.800	U	7.900	U	2.100	U	3.700	U	2.300	U	8.500	U	2.100	U
Bromomethane	0.690	U	3	U	0.780	U	1.400	U	0.870	U	3.200	U	0.810	U
Carbon disulfide	3.200	D	2.400	U	1.300	D	3.200	D	1.900	D	2.600	U	0.650	U
Carbon tetrachloride	0.280	U	1.200	U	0.380	D	0.560	U	0.350	U	1.300	U	0.390	D
Chlorobenzene	0.810	U	3.500	U	0.920	U	1.600	U	1	U	3.800	U	3.200	D
Chloroethane	0.470	U	2	U	0.530	U	0.940	U	0.590	U	2.200	U	0.550	U
Chloroform	0.860	U	3.700	U	0.980	D	1.700	U	1.100	D	4	U	1.900	D
Chloromethane	0.360	J	1.600	U	0.410	U	0.730	U	0.460	U	1.700	U	0.430	J
cis-1,2-Dichloroethylene	0.180	U	0.750	U	0.200	U	0.350	U	0.220	U	0.820	U	0.210	U
cis-1,3-Dichloropropylene	0.800	U	3.500	U	0.910	U	1.600	U	1	U	3.700	U	0.940	U
Cyclohexane	2.200	D	4.700	D	3.600	D	130	D	3.500	D	3.700	D	1.600	D
Dibromochloromethane	1.500	U	6.500	U	1.700	U	3	U	1.900	U	7	U	1.800	U
Dichlorodifluoromethane	2.300	D	3.800	U	1.900	D	2.500	D	2.400	D	4.100	U	2.500	D
Ethyl acetate	1.300	U	5.500	J	1.400	U	7.400	D	1.600	U	5.900	U	1.500	U
Ethyl Benzene	17	D	52	D	46	D	16	D	19	D	30	D	9	D

Table 3 - Exterior Soil Gas Data

77 Cornell Street, Kingston, NY

Site #356061

Hexachlorobutadiene	1.900	U	8.100	U	2.100	U	3.800	U	2.400	U	8.800	U	2.200	U
Isopropanol	3.300	D	48	D	7.900	D	2.600	D	1.600	D	12	D	8	D
Methyl Methacrylate	0.720	U	3.100	U	0.820	U	1.500	U	0.920	U	3.400	U	0.850	U
Methyl tert-butyl ether (MTBE)	0.640	U	2.700	U	0.720	U	1.300	U	0.810	U	3	U	0.750	U
Methylene chloride	7.300	D	5.300	J	3.200	D	2.500	U	1.600	U	5.700	J	1.400	J
n-Heptane	9.800	D	22	D	16	D	76	D	6.200	D	15	D	0.940	D
n-Hexane	2.700	D	6.200	D	6.300	D	120	D	5	D	4.700	D	0.730	U
o-Xylene	28	D	69	D	64	D	24	D	30	D	44	D	6.900	D
p- & m- Xylenes	68	D	180	D	160	D	63	D	75	D	100	D	27	D
p-Ethyltoluene	33	D	99	D	99	D	28	D	34	D	58	D	6.700	D
Propylene	5.200	D	14	D	18	D	0.610	U	0.390	U	6.100	D	0.360	U
Styrene	3.500	D	3.200	U	0.850	U	3.300	D	3.600	D	3.500	U	2.100	D
Tetrachloroethylene	110	D	1,200	D	430	D	17	D	110	D	1,200	D	3.900	D
Tetrahydrofuran	1	J	4.500	U	1.200	U	2.100	U	1.300	J	4.900	U	2	D
Toluene	34	D	100	D	83	D	35	D	41	D	70	D	27	D
trans-1,2-Dichloroethylene	0.700	U	3	U	0.790	U	1.400	U	0.890	U	3.300	U	0.820	U
trans-1,3-Dichloropropylene	0.800	U	3.500	U	0.910	U	1.600	U	1	U	3.700	U	0.940	U
Trichloroethylene	10	D	100	D	130	D	0.480	U	48	D	360	D	0.280	U
Trichlorofluoromethane (Freon 11)	1.200	D	4.300	U	1.200	D	2	U	1.300	J	4.600	U	1.300	D
Vinyl acetate	0.620	U	2.700	U	0.700	U	1.300	U	0.790	U	2.900	U	0.730	U
Vinyl bromide	0.770	U	3.300	U	0.870	U	1.600	U	0.980	U	3.600	U	0.910	U
Vinyl Chloride	0.230	U	0.970	U	0.260	U	0.450	U	0.290	U	1.100	U	0.270	U

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

Table 4 - Sub-slab Soil Gas Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID Sampling Date Matrix	VP-2 10/7/2020 Soil Vapor		VP-3 10/7/2020 Soil Vapor		VP-5 10/7/2020 Soil Vapor	
ALL UNITS IN MICROGRAMS/ CUBIC METER ($\mu g/m^3$)	Result	Q	Result	Q	Result	Q
VOCs EPA TO-15						
1,1,1-Trichloroethane	6.090	D	1.580	D	12	D
1,1,2,2-Tetrachloroethane	2.130	U	1.420	U	2.210	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.380	U	1.580	U	2.470	U
1,1,2-Trichloroethane	1.690	U	1.130	U	1.760	U
1,1-Dichloroethane	1.250	U	0.836	U	1.300	U
1,1-Dichloroethylene	1.230	U	0.819	U	1.280	U
1,2,4-Trichlorobenzene	2.300	U	1.530	U	2.390	U
1,2-Dichlorobenzene	1.860	U	1.240	U	1.940	U
1,2-Dichloroethane	1.250	U	0.836	U	1.300	U
1,2-Dichloropropane	1.430	U	0.954	U	1.490	U
1,2-Dichlorotetrafluoroethane	2.170	U	1.440	U	2.250	U
1,3-Dichlorobenzene	1.860	U	1.240	U	1.940	U
1,4-Dichlorobenzene	1.860	U	1.240	U	1.940	U
3-Chloropropene	4.850	U	3.230	U	5.040	U
Benzyl chloride	1.600	U	1.070	U	1.670	U
Bromodichloromethane	2.080	U	1.380	U	2.160	U
Carbon tetrachloride	0.585	D	0.520	D	0.608	D
Chlorobenzene	1.430	U	0.951	U	1.480	U
Chloroethane	0.818	U	0.545	U	0.850	U
Chloroform	3.780	D	6.150	D	2.670	D
Chloromethane	0.640	U	0.426	U	0.665	U
cis-1,2-Dichloroethylene	8.230	D	1.640	D	1.280	U
cis-1,3-Dichloropropylene	1.410	U	0.937	U	1.460	U
Dichlorodifluoromethane	3.220	D	2.450	D	3.820	D
Hexachlorobutadiene	3.310	U	2.200	U	3.440	U
Methylene chloride	2.150	U	1.430	U	16.600	D
Tetrachloroethylene	21.700	D	47.300	D	154	D
trans-1,2-Dichloroethylene	1.230	U	0.819	U	1.280	U
trans-1,3-Dichloropropylene	1.410	U	0.937	U	1.460	U
Trichloroethylene	378	D	176	D	455	D
Trichlorofluoromethane (Freon 11)	1.740	U	1.740	D	2.170	D
Vinyl Chloride	0.792	U	0.528	U	0.824	U

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit)

Table 4 - Sub-slab Soil Gas Data
77 Cornell Street, Kingston, NY
Site #356061

Sample ID	VP-1		VP-2		VP-4		VP-5		VP-6		VP-7		VP-8		VP-9	
Sampling Date	4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022	
Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
ALL UNITS IN MICROGRAMS/ CUBIC METER ($\mu g/m^3$)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO-15																
1,1,1,2-Tetrachloroethane	1.100	U	1.400	U	1.200	U	1.200	U	1.300	U	1	U	1.400	U	1.400	U
1,1,1-Trichloroethane	2.100	D	2.500	D	2.500	D	3.900	D	1	U	3.200	D	1.200	D	6.100	D
1,1,2,2-Tetrachloroethane	1.100	U	1.400	U	1.200	U	1.200	U	1.300	U	1	U	1.400	U	1.400	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.300	U	1.500	U	1.400	U	1.400	U	1.400	U	1.100	U	1.500	U	1.600	U
1,1,2-Trichloroethane	0.900	U	1.100	U	0.970	U	0.970	U	1	U	0.820	U	1.100	U	1.100	U
1,1-Dichloroethane	0.660	U	0.810	U	0.720	U	0.720	U	0.740	U	0.610	U	0.810	U	0.850	U
1,1-Dichloroethylene	0.160	U	0.200	U	0.180	U	0.180	U	0.180	U	0.150	U	0.200	U	0.210	U
1,2,4-Trichlorobenzene	1.200	U	1.500	U	1.300	U	1.300	U	1.400	U	1.100	U	1.500	U	1.600	U
1,2,4-Trimethylbenzene	6.800	D	8.800	D	2.600	D	11	D	4.600	D	3.400	D	13	D	3.200	D
1,2-Dibromoethane	1.300	U	1.500	U	1.400	U	1.400	U	1.400	U	1.200	U	1.500	U	1.600	U
1,2-Dichlorobenzene	0.990	U	1.200	U	1.100	U	1.100	U	1.100	U	0.900	U	2.800	D	1.300	U
1,2-Dichloroethane	0.660	U	0.810	U	0.720	U	0.720	U	0.740	U	0.610	U	0.810	U	0.850	U
1,2-Dichloropropane	0.760	U	0.920	U	0.820	U	0.820	U	0.840	U	0.690	U	0.920	U	0.970	U
1,2-Dichlorotetrafluoroethane	1.100	U	1.400	U	1.200	U	1.200	U	1.300	U	1	U	1.400	U	1.500	U
1,3,5-Trimethylbenzene	2.300	D	3.200	D	0.880	J	3.800	D	1.600	D	1.400	D	2.600	D	1	J
1,3-Butadiene	1.100	U	1.300	U	1.200	U	1.200	U	1.200	U	0.990	U	1.300	U	1.400	U
1,3-Dichlorobenzene	0.990	U	1.200	U	1.100	U	1.100	U	1.100	U	0.900	U	2	D	1.300	U
1,3-Dichloropropane	0.760	U	0.920	U	0.820	U	0.820	U	0.840	U	0.690	U	0.920	U	0.970	U
1,4-Dichlorobenzene	0.990	U	1.200	U	1.100	U	1.100	U	1.100	U	0.900	U	3.100	D	1.300	U
1,4-Dioxane	1.200	U	1.400	U	1.300	U	1.300	U	1.300	U	1.100	U	1.400	J	1.500	U
2-Butanone	1.300	D	2.900	D	5.300	D	4.700	D	6.200	D	8.300	D	6.400	D	14	D
2-Hexanone	1.300	U	1.600	U	1.500	J	1.500	U	1.500	U	1.200	U	1.600	U	1.700	U
3-Chloropropene	2.600	U	3.100	U	2.800	U	2.800	U	2.900	U	2.300	U	3.100	U	3.300	U
4-Methyl-2-pentanone	0.670	U	0.820	U	1.100	D	0.730	U	0.750	U	0.980	D	0.820	U	0.860	U
Acetone	12	D	45	D	49	D	39	D	49	D	140	D	21	D	67	D
Acrylonitrile	0.360	U	0.430	U	0.390	U	0.390	U	0.400	U	0.330	U	0.430	U	0.460	U
Benzene	0.520	U	1.100	D	1.300	D	1.100	D	2.200	D	2.200	D	7.200	D	1.700	D
Benzyl chloride	0.850	U	1	U	0.920	U	0.920	U	0.950	U	0.780	U	1	U	1.100	U
Bromodichloromethane	1.100	U	1.300	U	1.200	U	1.200	U	1.200	U	1	U	1.300	U	1.400	U
Bromoform	1.700	U	2.100	U	1.800	U	1.800	U	1.900	U	1.500	U	2.100	U	2.200	U
Bromomethane	0.640	U	0.780	U	0.690	U	0.690	U	0.710	U	0.580	U	0.770	U	0.820	U
Carbon disulfide	0.510	U	0.620	U	0.560	U	0.560	U	0.570	U	0.470	U	0.620	U	0.650	U
Carbon tetrachloride	0.410	D	0.380	D	0.560	D	0.450	D	0.340	D	0.380	D	0.310	U	0.330	U
Chlorobenzene	0.760	U	0.920	U	0.820	U	0.820	U	0.840	U	0.690	U	10	D	0.970	U
Chloroethane	0.430	U	0.530	U	0.470	U	0.470	U	0.480	U	0.400	U	0.530	U	0.550	U
Chloroform	0.880	D	1.900	D	14	D	2.200	D	0.890	U	2.400	D	2.600	D	5.200	D
Chloromethane	0.340	U	0.410	U	0.370	U	0.370	U	0.940	D	1.700	D	0.410	U	0.430	U

Table 4 - Sub-slab Soil Gas Data
77 Cornell Street, Kingston, NY
Site #356061

cis-1,2-Dichloroethylene	0.260	D	5.600	D	0.180	U	0.180	U	0.180	U	0.150	U	4.300	D	0.210	U
cis-1,3-Dichloropropylene	0.740	U	0.910	U	0.810	U	0.810	U	0.830	U	0.680	U	0.910	U	0.950	U
Cyclohexane	0.560	U	0.690	U	0.610	U	0.980	D	1.200	D	1.200	D	1.200	D	1	D
Dibromochloromethane	1.400	U	1.700	U	1.500	U	1.500	U	1.600	U	1.300	U	1.700	U	1.800	U
Dichlorodifluoromethane	2.400	D	2.400	D	2.400	D	2.400	D	2.300	D	2.400	D	2.300	D	2.200	D
Ethyl acetate	1.200	U	1.400	J	1.300	J	1.300	J	1.600	D	1.700	D	1.400	J	1.500	U
Ethyl Benzene	0.710	J	1	D	3.600	D	1.400	D	0.790	D	2.900	D	19	D	4.700	D
Hexachlorobutadiene	1.800	U	2.100	U	1.900	U	1.900	U	1.900	U	1.600	U	2.100	U	2.200	U
Isopropanol	7.100	D	18	D	19	D	35	D	29	D	130	D	29	D	17	D
Methyl Methacrylate	0.670	U	3.600	D	0.730	U	0.730	U	0.750	U	0.610	U	0.820	U	0.860	U
Methyl tert-butyl ether (MTBE)	0.590	U	0.720	U	0.640	U	0.640	U	0.660	U	0.540	U	0.720	U	0.760	U
Methylene chloride	1.100	J	1.400	D	1.800	D	3.700	D	1.400	D	1.900	D	1.400	J	1.700	D
n-Heptane	0.670	J	0.820	U	0.880	D	1.500	D	2	D	2.400	D	0.980	D	2.400	D
n-Hexane	0.580	U	0.700	U	0.940	D	0.630	D	2.400	D	1.200	D	0.700	U	1.800	D
o-Xylene	1.800	D	2.800	D	4.300	D	3.300	D	1.300	D	1.900	D	17	D	5.500	D
p- & m- Xylenes	2.600	D	4	D	16	D	5.100	D	2.700	D	4.200	D	70	D	19	D
p-Ethyltoluene	2.800	D	3.700	D	3.200	D	4.400	D	1.900	D	1.800	D	15	D	3.800	D
Propylene	0.280	U	0.340	U	0.310	U	0.460	D	0.310	U	0.640	D	0.340	U	0.360	U
Styrene	0.700	U	0.850	U	0.760	U	0.760	U	0.780	U	0.640	U	7.600	D	0.900	U
Tetrachloroethylene	36	D	7	D	73	D	31	D	1.200	J	5.800	D	58	D	53	D
Tetrahydrofuran	0.970	J	2.600	D	3.200	D	3.400	D	6.500	D	3.300	D	4.900	D	17	D
Toluene	1.200	D	2.800	D	14	D	6.100	D	4.200	D	10	D	65	D	23	D
trans-1,2-Dichloroethylene	0.650	U	0.790	U	0.710	U	0.710	U	0.720	U	0.590	U	0.790	U	0.830	U
trans-1,3-Dichloropropylene	0.740	U	0.910	U	0.810	U	0.810	U	0.830	U	0.680	U	0.910	U	0.950	U
Trichloroethylene	100	D	350	D	280	D	250	D	6.500	D	100	D	680	D	8.100	D
Trichlorofluoromethane (Freon 11)	1.300	D	1.200	D	1.300	D	1.400	D	1.300	D	1.300	D	1.200	D	1.300	D
Vinyl acetate	0.580	U	0.700	U	0.630	U	0.630	U	0.640	U	0.530	U	0.700	U	0.740	U
Vinyl bromide	0.720	U	0.870	U	0.780	U	0.780	U	0.800	U	0.660	U	0.870	U	0.920	U
Vinyl Chloride	0.210	U	0.260	U	0.230	U	0.230	U	0.230	U	0.190	U	0.250	U	0.270	U

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

Table 5 - Indoor Air Data

77 Cornell Street, Kingston, NY

Site # 356061

Sample ID	VP-1 IA		VP-2 IA		VP-3 IA		VP-4 IA		VP-5 IA		VP-6 IA		VP-7 IA		VP-8 IA		102 IA	
Sampling Date	4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022		4/5/2022	
Client Matrix	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air	
ALL UNITS IN MICROGRAMS/ CUBIC METER (µg/m^3)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOCs EPA TO15																		
1,1,1,2-Tetrachloroethane	0.710	U	0.600	U	0.690	U	0.740	U	0.640	U	0.800	U	0.630	U	0.800	U	0.670	U
1,1,1-Trichloroethane	0.560	U	0.480	U	0.540	U	0.590	U	0.510	U	0.640	U	0.500	U	0.640	U	0.540	U
1,1,2,2-Tetrachloroethane	0.710	U	0.600	U	0.690	U	0.740	U	0.640	U	0.800	U	0.630	U	0.800	U	0.670	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.790	U	0.670	U	0.760	U	0.830	U	0.710	U	0.900	U	0.700	U	0.890	U	0.750	U
1,1,2-Trichloroethane	0.560	U	0.480	U	0.540	U	0.590	U	0.510	U	0.640	U	0.500	U	0.640	U	0.540	U
1,1-Dichloroethane	0.420	U	0.360	U	0.400	U	0.440	U	0.380	U	0.470	U	0.370	U	0.470	U	0.400	U
1,1-Dichloroethylene	0.100	U	0.0870	U	0.0990	U	0.110	U	0.0920	U	0.120	U	0.0900	U	0.120	U	0.0970	U
1,2,4-Trichlorobenzene	0.770	U	0.650	U	0.740	U	1	D	0.690	U	0.870	U	0.680	U	0.860	U	0.730	U
1,2,4-Trimethylbenzene	0.510	J	0.520	D	0.590	D	0.640	D	0.460	J	0.570	J	0.900	D	0.570	J	0.480	D
1,2-Dibromoethane	0.790	U	0.680	U	0.770	U	0.830	U	0.720	U	0.900	U	0.700	U	0.900	U	0.760	U
1,2-Dichlorobenzene	0.620	U	0.530	U	0.600	U	0.650	U	0.560	U	0.700	U	0.550	U	0.700	U	0.590	U
1,2-Dichloroethane	0.420	U	0.360	U	0.400	U	0.440	U	0.380	U	0.470	U	0.370	U	0.470	U	0.400	U
1,2-Dichloropropane	0.480	U	0.410	U	0.460	U	0.500	U	0.430	U	0.540	U	0.420	U	0.540	U	0.450	U
1,2-Dichlorotetrafluoroethane	0.720	U	0.610	U	0.700	U	0.750	U	0.650	U	0.820	U	0.640	U	0.810	U	0.690	U
1,3,5-Trimethylbenzene	0.510	U	0.430	U	0.490	U	0.530	U	0.460	U	0.570	U	0.450	J	0.570	U	0.480	U
1,3-Butadiene	0.680	U	0.580	U	0.660	U	0.720	U	0.620	U	0.780	U	0.610	U	0.770	U	0.650	U
1,3-Dichlorobenzene	0.620	U	0.530	U	0.600	U	0.650	U	0.560	U	0.700	U	0.550	U	0.700	U	0.590	U
1,3-Dichloropropane	0.480	U	0.410	U	0.460	U	0.500	U	0.430	U	0.540	U	0.420	U	0.540	U	0.450	U
1,4-Dichlorobenzene	0.620	U	0.530	U	0.600	U	0.650	U	0.560	U	0.700	U	0.550	U	0.700	U	0.590	U
1,4-Dioxane	0.740	U	0.630	U	0.720	U	0.780	U	0.670	U	0.840	U	0.660	U	0.840	U	0.710	U
2-Butanone	3.500	D	2.400	D	3.500	D	1.500	D	2.800	D	1.400	D	5.300	D	2.200	D	1.300	D
2-Hexanone	0.840	U	0.720	U	0.820	U	0.880	U	0.760	U	0.960	U	0.750	U	0.950	U	0.810	U
3-Chloropropene	1.600	U	1.400	U	1.600	U	1.700	U	1.500	U	1.800	U	1.400	U	1.800	U	1.500	U
4-Methyl-2-pentanone	0.550	D	0.540	D	0.410	U	0.440	U	0.380	U	0.480	U	0.370	U	0.480	U	0.400	U
Acetone	160	D	29	D	29	D	11	D	17	D	14	D	50	D	17	D	9.500	D
Acrylonitrile	0.220	U	0.190	U	0.220	U	0.230	U	0.200	U	0.250	U	0.200	U	0.250	U	0.210	U
Benzene	0.760	D	0.530	D	0.570	D	0.550	D	0.540	D	0.560	D	0.530	D	0.630	D	0.690	D
Benzyl chloride	0.530	U	0.460	U	0.520	U	0.560	U	0.480	U	0.610	U	0.470	U	0.600	U	0.510	U
Bromodichloromethane	0.690	U	0.590	U	0.670	U	0.720	U	0.620	U	0.780	U	0.610	U	0.780	U	0.660	U
Bromoform	1.100	U	0.910	U	1	U	1.100	U	0.960	U	1.200	U	0.940	U	1.200	U	1	U
Bromomethane	0.400	U	0.340	U	0.390	U	0.420	U	0.360	U	0.450	U	0.350	U	0.450	U	0.380	U
Carbon disulfide	0.320	U	0.270	U	0.310	U	0.340	U	0.290	U	0.360	U	0.280	U	0.360	U	0.310	U
Carbon tetrachloride	0.390	D	0.390	D	0.440	D	0.410	D	0.410	D	0.370	D	0.340	D	0.440	D	0.370	D
Chlorobenzene	0.470	U	0.400	U	0.460	U	0.500	U	0.430	U	0.540	U	0.420	U	0.540	U	0.450	U

Table 5 - Indoor Air Data

77 Cornell Street, Kingston, NY

Site # 356061

Chloroethane	0.270	U	0.230	U	0.260	U	0.280	U	0.250	U	0.310	U	0.240	U	0.310	U	0.260	U
Chloroform	0.500	U	0.430	U	0.490	U	0.530	U	0.460	U	0.570	U	0.450	U	0.570	U	0.770	D
Chloromethane	1.300	D	1.200	D	0.950	D	1.700	D	1.800	D	1.700	D	1.900	D	1.700	D	1.300	D
cis-1,2-Dichloroethylene	0.100	U	0.0870	U	0.0990	U	0.110	U	0.0920	U	0.120	U	0.0900	U	0.120	U	0.0970	U
cis-1,3-Dichloropropylene	0.470	U	0.400	U	0.450	U	0.490	U	0.420	U	0.530	U	0.410	U	0.530	U	0.450	U
Cyclohexane	0.460	D	0.360	D	1.100	D	0.370	U	1.400	D	0.400	J	0.940	D	0.400	D	0.440	D
Dibromochloromethane	0.880	U	0.750	U	0.850	U	0.920	U	0.790	U	1	U	0.780	U	0.990	U	0.840	U
Dichlorodifluoromethane	2.400	D	2.400	D	2.500	D	2.200	D	2.200	D	2.300	D	2.200	D	2.200	D	2.100	D
Ethyl acetate	1	D	1	D	1.600	D	0.780	U	2.100	D	3.500	D	3.700	D	1.400	D	0.710	U
Ethyl Benzene	0.580	D	0.500	D	0.650	D	0.940	D	0.490	D	0.560	D	1.400	D	0.560	D	0.470	D
Hexachlorobutadiene	1.100	U	0.940	U	1.100	U	1.200	U	0.990	U	1.200	U	0.970	U	1.200	U	1	U
Isopropanol	260	DE	150	DE	200	DE	15	D	53	D	130	D	130	DE	64	D	20	D
Methyl Methacrylate	0.420	U	0.360	U	0.410	U	0.440	U	0.380	U	0.480	U	0.370	U	0.480	U	0.720	D
Methyl tert-butyl ether (MTBE)	0.370	U	0.320	U	0.360	U	0.390	U	0.340	U	0.420	U	0.330	U	0.420	U	0.350	U
Methylene chloride	1.400	D	0.790	D	0.830	D	0.980	D	1.600	D	0.890	D	1.500	D	0.850	D	2	D
n-Heptane	0.720	D	0.650	D	0.860	D	0.660	D	1.100	D	0.480	J	4	D	0.760	D	0.560	D
n-Hexane	0.510	D	0.370	D	0.460	D	0.490	D	0.390	D	0.410	J	0.640	D	0.620	D	0.800	D
o-Xylene	0.580	D	0.570	D	0.820	D	1.400	D	0.490	D	0.510	D	1.300	D	0.660	D	0.640	D
p- & m- Xylenes	1.800	D	1.700	D	2.500	D	3.900	D	1.700	D	1.600	D	4.800	D	1.900	D	1.700	D
p-Ethyltoluene	0.510	J	0.430	D	0.590	D	0.530	D	0.460	U	0.570	U	1.300	D	0.570	J	0.480	J
Propylene	0.180	U	0.150	U	0.170	U	0.190	U	0.160	U	0.760	D	0.570	D	0.700	D	0.170	U
Styrene	0.440	U	0.370	J	0.430	U	0.460	U	0.400	J	0.500	U	0.390	U	0.500	U	0.420	U
Tetrachloroethylene	0.840	D	3	D	1	D	0.730	J	0.950	D	1	D	1.900	D	1.100	D	0.670	J
Tetrahydrofuran	2.500	D	2	D	3.300	D	1.500	D	3.100	D	1.300	D	3.500	D	1.300	D	1.300	D
Toluene	3.600	D	2.300	D	5.300	D	5	D	2.600	D	1.800	D	13	D	5.400	D	2.800	D
trans-1,2-Dichloroethylene	0.410	U	0.350	U	0.400	U	0.430	U	0.370	U	0.460	U	0.360	U	0.460	U	0.390	U
trans-1,3-Dichloropropylene	0.470	U	0.400	U	0.450	U	0.490	U	0.420	U	0.530	U	0.410	U	0.530	U	0.450	U
Trichloroethylene	0.660	D	0.570	D	0.970	D	0.350	D	0.950	D	0.940	D	0.540	D	0.310	D	0.160	D
Trichlorofluoromethane (Freon 11)	1.300	D	1.300	D	1.300	D	1.200	D	1.300	D	1.200	D	1.200	D	1.400	D	1.200	D
Vinyl acetate	0.360	U	0.310	U	0.350	U	0.380	U	0.330	U	0.410	U	0.320	U	0.410	U	0.350	U
Vinyl bromide	0.450	U	0.380	U	0.440	U	0.470	U	0.410	U	0.510	U	0.400	U	0.510	U	0.430	U
Vinyl Chloride	0.130	U	0.110	U	0.130	U	0.140	U	0.120	U	0.150	U	0.120	U	0.150	U	0.130	U

ANALYTE DETECTED

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX A

77 Cornell Street, Kingston NY

Site #356061

Compound	Soil Vapor and Indoor Air Concentrations (µg/m^3)																
	VP-1	VP-1 IA	VP-2	VP-2 IA	VP-3 IA	VP-4	VP-4 IA	VP-5	VP-5 IA	VP-6	VP-6 IA	VP-7	VP-7 IA	VP-8	VP-8 IA	VP-9	102 IA
Trichloroethylene	100	0.660	350	0.570	0.970	280	0.350	250	0.950	6.5	0.940	100	0.540	680	0.310	8.100	0.160
cis-1,2-Dichloroethene	0.260	ND	5.600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.300	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.410	0.390	0.380	0.390	0.440	0.560	0.410	0.450	0.410	0.340	0.370	0.380	0.340	ND	0.440	ND	0.370

NYSDOH Decision Matrix A: Trichloroethylene (TCE), cis-1,2-Dichloroethene, 1,1-Dichloroethene and Carbon Tetrachloride				
		Indoor Air Concentration		
		<0.2 µg/m^3	0.2 to <1 µg/m^3	1 µg/m^3 and above
Sub-Slab Vapor Concentration	<6 µg/m^3	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
	6 to 60 µg/m^3	4. No Further Action	5. Monitor	6. Mitigate
	60 µg/m^3 and above	7. Mitgate	8. Mitigate	9. Mitigate

NFA - No Further Action

µg/m^3 - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix A

ND - Compound not detected above laboratory detection limits

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX B

77 Cornell Street, Kingston NY

Site #356061

Compound	Soil Vapor and Indoor Air Concentrations (µg/m^3)																
	VP-1	VP-1 IA	VP-2	VP-2 IA	VP-3 IA	VP-4	VP-4 IA	VP-5	VP-5 IA	VP-6	VP-6 IA	VP-7	VP-7 IA	VP-8	VP-8 IA	VP-9	102 IA
Tetrachloroethene	36	0.84	7	3	1	73	0.73	31	0.95	1.2	1	5.8	1.9	58	1.1	53	0.67
1,1,1-Trichloroethane	2.1	ND	2.5	ND	ND	2.5	ND	3.9	ND	ND	ND	3.2	ND	6.1	1.2	6.1	ND
Methylene Chloride	1.1	1.4	1.4	0.79	0.83	1.8	0.98	3.7	1.6	1.4	0.89	1.9	1.5	1.4	0.85	1.7	2

NYSDOH Decision Matrix B: Tetrachloroethene (PCE), 1,1,1-Trichloroethane (1,1,1-TCA) and Methylene Chloride				
		Indoor Air		
		<3 µg/m^3	3 to <10 µg/m^3	10 µg/m^3 and above
Sub-Slab Vapor Concentration	<100 µg/m^3	1. No Further Action	2. No Further Action	3. Identify Source(s) and Resample or Mitigate
	100 to 1,000 µg/m^3	4. No Further Action	5. Monitor	6. Mitgate
	1,000 µg/m^3 and above	7. Mitgate	8. Mitgate	9. Mitgate

NFA - No Further Action

µg/m^3 - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix B

ND - Compound not detected above laboratory detection limits

TABLE 6 - SUB-SLAB SOIL GAS INDOOR AIR COMPARISON - NYSDOH MATRIX C

77 Cornell Street, Kingston NY

Site #356061

Compound	Soil Vapor and Indoor Air Concentrations (µg/m^3)																	NYSDOH Decision Matrix C: Vinyl Chloride			
	VP-1	VP-1 IA	VP-2	VP-2 IA	VP-3 IA	VP-4	VP-4 IA	VP-5	VP-5 IA	VP-6	VP-6 IA	VP-7	VP-7 IA	VP-8	VP-8 IA	VP-9	102 IA			Indoor Air Concentration	
																				<0.2 µg/m^3	0.2 µg/m^3 a and above
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Sub-Slab Vapor Concentration	<6 µg/m^3	1. No Further Action	2. Identify Source(s) and Resample or Mitigate
																			6 to 60 µg/m^3	3. Monitor	4. Mitgate
																			60 µg/m^3 and above	5. Mitgate	6. Mitgate

NFA - No Further Action

µg/m^3 - micrograms per cubic meter

NYSDOH - New York State Department of Health - May 2017 - Soil Vapor Matrix C

ND - Compound not detected above laboratory detection limits

APPENDIX A
SOIL BORING LOGS

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-1/MW-1

Hole No: SB-1/GW-1
Sheet 1 of 1

Date Started: 4-5-22
Date Finished: 4-5-22

Client: 77 Cornell Street LLC

Method of investigation: 1.25" Hollow Stem Samplers

Location: The Shirt Factory, 77 Cornell Street, Kingston, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: O. Tanner
Drill Rig: Geoprobe 7822 DT

Weather: Partly Cloudy 40° F @ 0830

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
	1				Asphalt, stone.			
	2				Brown, sand, damp, no odor.	0.0		Sampled subsurface soils
	3							(2-4-ft bgs, SB-1A)
	4							(15-17-ft bgs, SB-1B)
5				28"	Same.	0.0		
	6							Groundwater
	7							encountered @ 16-ft bgs.
	8							No obvious impacts.
	9							1" ID GW Well set
10				34"	Same. Damp - moist. no odor.	0.0		at 25-ft. bgs.
	11							15-ft, 1" OD well screen
	12							10-ft, 1" OD riser casing
	13							
	14							04/06/22 Monitoring
15				29"	Brown, fine sand, silt. Moist. No odor.	0.0		DTW - 16.07-ft bgs
	16				Same. Saturated at 16-ft bgs. No odor.	0.0		DTB - 25.00-ft bgs
	17							MW-1
	18							
	19							
20				26"	Same. Saturated. No odor.	0.0		
	21							
	22							
	23							
	24							
25				30"	Same. Saturated. No odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Asphalt Patch
Native Fill
Borehole
Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-2/MW-2

Hole No: SB-2/MW-2
Sheet 1 of 1

Date Started: 4-5-22
Date Finished: 4-5-22

Client: 77 Cornell Street LLC

Method of investigation: 1.25" Hollow Stem Samplers

Location: The Shirt Factory, 77 Cornell Street, Kingston, New York

P. Manager:	Drilling Co: Core Down Drilling	Driller: A. Bellucci	Weather:
		D. Helper: O. Tanner	Partly Cloudy
Deborah Thompson	Geologist: Deborah Thompson	Drill Rig: Geoprobe 7822 DT	40° F @ 0830

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
	1				Asphalt, stone.			
	2				Brown, sand, damp, no odor.	0.0		Sampled subsurface soils
	3							(2-4-ft bgs, SB-2A)
	4							(15-17-ft bgs, SB-2B)
5				30"	Same.	0.0		
	6							Groundwater
	7							encountered @ 16-ft bgs.
	8							No obvious impacts.
	9							1" ID GW Well set
10				32"	Same. Damp - moist. no odor.	0.0		at 25-ft. bgs.
	11							15-ft, 1" OD well screen
	12							10-ft, 1" OD riser casing
	13							
	14							04/06/22 Monitoring
15				24"	Brown, fine sand, silt. Moist. No odor.	0.0		DTW - 16.00-ft bgs
	16				Same. Saturated at 16-ft bgs. No odor.	0.0		DTB - 25.00-ft bgs
	17							MW-2
	18							
	19							
20				30"	Same. Saturated. No odor.	0.0		
	21							
	22							
	23							
	24							
25				24"	Same. Saturated. No odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface DTW/DTB = Depth to Water/Depth to Bottom

Backfill Well Key

Cement | Native Fill | Borehole | Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-3/MW-3

Hole No: SB-3/MW-3

Sheet 1 of 1

Date Started: 4-5-22

Date Finished: 4-5-22

Client: 77 Cornell Street LLC

Method of investigation: 1.25" Hollow Stem Samplers

Location: The Shirt Factory, 77 Cornell Street, Kingston, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe 7822 DT

Weather: Partly Cloudy 40° F @ 0830

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
	1				Asphalt, stone.			
	2				Brown, sand, damp, no odor.	0.0		Sampled subsurface soils
	3							(2-4-ft bgs, SB-3A)
	4							(15-17-ft bgs, SB-3B)
5				20"	Same.	0.0		
	6							Groundwater
	7							encountered @ 16-ft bgs.
	8							No obvious impacts.
	9							1" ID GW Well set
10				36"	Same. Damp - moist. no odor.	0.0		at 25-ft. bgs.
	11							15-ft, 1" OD well screen
	12							10-ft, 1" OD riser casing
	13							
	14							04/06/22 Monitoring
15				24"	Brown, fine sand, silt. Moist. No odor.	0.0		DTW - 14.95-ft bgs
	16				Same. Saturated at 16-ft bgs. No odor.	0.0		DTB - 25.00-ft bgs
	17							Brown-clear, no odor or sheen.
	18							MW-3
	19							
20				30"	Same. Saturated. No odor.	0.0		
	21							
	22							
	23							
	24							
25				28"	Same. Saturated. No odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-4/MW-4

Hole No: SB-4/MW-4

Sheet 1 of 1

Date Started: 4-5-22

Date Finished: 4-5-22

Client: 77 Cornell Street LLC

Method of investigation: 1.25" Hollow Stem Samplers

Location: The Shirt Factory, 77 Cornell Street, Kingston, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling

Geologist: Deborah Thompson

Driller: A. Bellucci

D. Helper: O. Tanner

Drill Rig: Geoprobe 7822 DT

Weather: Partly Cloudy 40° F @ 0830

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
	1				Asphalt, stone.			
	2				Brown, sand, damp, no odor.	0.0		Sampled subsurface soils
	3							(2-4-ft bgs, SB-4A)
	4							(15-17-ft bgs, SB-4B)
5				36"	Same.	0.0		
	6							Groundwater
	7							encountered @ 16-ft bgs.
	8							No obvious impacts.
	9							1" ID GW Well set
10				26"	Same. Damp - moist. no odor.	0.0		at 25-ft. bgs.
	11							15-ft, 1" OD well screen
	12							10-ft, 1" OD riser casing
	13							
	14							04/06/22 Monitoring
15				30"	Brown, fine sand, silt. Moist. No odor.	0.0		DTW - 15.57-ft bgs
	16				Same. Saturated at 16-ft bgs. No odor.	0.0		DTB - 25.00-ft bgs
	17							Brown-clear, no odor or sheen.
	18							MW-4
	19							
20				32"	Same. Saturated. No odor.	0.0		
	21							
	22							
	23							
	24							
25				42"	Same. Saturated. No odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-5/MW-5

Hole No: SB-5/MW-5
Sheet 1 of 1

Date Started: 4-5-22
Date Finished: 4-5-22

Client: 77 Cornell Street LLC

Method of investigation: 1.25" Hollow Stem Samplers

Location: The Shirt Factory, 77 Cornell Street, Kingston, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: D. Bellucci
Drill Rig: Geoprobe 7822 DT

Weather: Partly Cloudy 40° F @ 0830

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
	1				Asphalt, stone.			
	2				Brown, sand, damp, no odor.	0.0		Sampled subsurface soils
	3							(2-4-ft bgs, SB-5A)
	4							(15-17-ft bgs, SB-5B)*
5				28"	Same.	0.0		*Duplicate sample collected
	6							SB-5B at 15-17-ft bgs.
	7							
	8							Groundwater
	9							encountered @ 16-ft bgs.
10				22"	Same. Damp - moist. no odor.	0.0		No obvious impacts.
	11							1" ID GW Well set
	12							at 25-ft. bgs.
	13							15-ft, 1" OD well screen
	14							10-ft, 1" OD riser casing
15				36"	Brown, fine sand, silt. Moist. No odor.	0.0		
	16				Same. Saturated at 16-ft bgs. No odor.	0.0		04/06/22 Monitoring
	17							DTW - 14.87-ft bgs
	18							DTB - 25.00-ft bgs
	19							Brown-clear, petroleum odor,
20				36"	Same. Saturated. No odor.	0.0		slight sheen.
	21							MW-5
	22							
	23							
	24							
25				40"	Same. Saturated. No odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-6/MW-6

Hole No: SB-6/MW-6
Sheet 1 of 1

Date Started: 4-6-22
Date Finished: 4-6-22

Client: 77 Cornell Street LLC

Method of investigation: 1.25" Hollow Stem Samplers

Location: The Shirt Factory, 77 Cornell Street, Kingston, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: D. Bellucci
Drill Rig: Geoprobe 7822 DT

Weather: Partly Cloudy 40° F @ 0830

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
	1				Asphalt, stone.			
	2				Brown, sand, damp, no odor.	0.0		Sampled subsurface soils
	3							(2-4-ft bgs, SB-6A)
	4							(14-16-ft bgs, SB-6B)
5				30"	Same.	0.0		
	6							Groundwater
	7							encountered @ 15-ft bgs.
	8							No obvious impacts.
	9							1" ID GW Well set
10				28"	Same. Damp - moist. no odor.	0.0		at 25-ft. bgs.
	11							15-ft, 1" OD well screen
	12							10-ft, 1" OD riser casing
	13							
	14							04/06/22 Monitoring
15				28"	Brown, fine sand, silt. Saturated at 15-ft bgs. No odor.	0.0		DTW - 14.87-ft bgs
	16					0.0		DTB - 25.00-ft bgs
	17							Brown-clear, no odor or sheen.
	18							MW-6
	19							
20				24"	Same. Saturated. No odor.	0.0		
	21							
	22							
	23							
	24							
25				30"	Same. Saturated. No odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

DT Consulting Services, Inc.
1291 Old Post Road
Ulster Park, New York 12487
(845) 658-3484

Soil Boring Log
SB-7/MW-7

Hole No: SB-7/MW-7
Sheet 1 of 1

Date Started: 4-6-22
Date Finished: 4-6-22

Client: 77 Cornell Street LLC

Method of investigation: 1.25" Hollow Stem Samplers

Location: The Shirt Factory, 77 Cornell Street, Kingston, New York

P. Manager: Deborah Thompson

Drilling Co: Core Down Drilling
Geologist: Deborah Thompson

Driller: A. Bellucci
D. Helper: D. Bellucci
Drill Rig: Geoprobe 7822 DT

Weather: Partly Cloudy 40° F @ 0830

Depth (ft.)	Sample Depth (ft.)	Blows per 6"	"N"	Recovery (in.)	Sample Description	PID (ppm) Analytical Readings	Boring Details	Groundwater and Other Observations
	1				Topsoil, damp, no odor.	0.0		
	2				Brown, sand, damp, no odor.	0.0		Sampled subsurface soils
	3							(2-4-ft bgs, SB-7A)
	4							(14-16-ft bgs, SB-7B)
5				22"	Same.	0.0		
	6							Groundwater
	7							encountered @ 15-ft bgs.
	8							No obvious impacts.
	9							1" ID GW Well set
10				22"	Same. Damp - moist. no odor.	0.0		at 25-ft. bgs.
	11							15-ft, 1" OD well screen
	12							10-ft, 1" OD riser casing
	13							
	14							04/06/22 Monitoring
15				24"	Brown, fine sand, silt. Saturated at 15-ft bgs. No odor.	0.0		DTW - 13.48-ft bgs
	16							DTB - 25.00-ft bgs
	17							Brown-clear, no odor or sheen.
	18							MW-7
	19							
20				20"	Same. Saturated. No odor.	0.0		
	21							
	22							
	23							
	24							
25				26"	Same. Saturated. No odor.	0.0		

Sample Types:

S=Hollow Spoon: X

R= Rock Core: _____

N = ASTM D1586 BGS = Below Grade Surface

Backfill Well Key

Cement

Native Fill

Borehole

Bentonite

APPENDIX B
CAMP FIELD DATA SHEETS

Community Air Monitoring 4/5/2022

Job Name/Site Number: 77 Cornell - Kingston, NY/356061

UPWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS
DustTrak2 Desktop Monitor 8530, Unit 030992/Mini-Rae PID

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Upwind	0830	0.011	0.0	Soil boring/soil cores. Groundwater sampling.
	0845	0.012	0.0	Soil gas sampling.
	0900	0.010	0.0	
	0915	0.010	0.0	
	0930	0.011	0.0	
	0945	0.010	0.0	
	1000	0.012	0.0	
	1015	0.013	0.0	
	1030	0.010	0.0	
	1045	0.010	0.0	
	1100	0.011	0.0	
	1115	0.014	0.0	
	1130	0.011	0.0	
	1145	0.009	0.0	
	1200	0.009	0.0	

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Upwind				Soil boring/soil cores. Groundwater sampling.
	1215	0.008	0.0	Soil gas sampling.
	1230	0.006	0.0	
	1245	0.004	0.0	
	1300	0.008	0.0	
	1315	0.008	0.0	
	1330	0.009	0.0	
	1345	0.008	0.0	
	1400	0.009	0.0	
	1415	0.008	0.0	
	1430	0.009	0.0	
	1445	0.008	0.0	
	1500	0.007	0.0	
	1515	0.007	0.0	
	1530	0.008	0.0	
	1545	0.007	0.0	
	1600	0.009	0.0	
	1615	0.008	0.0	
	1630	0.007	0.0	
	1645	0.007	0.0	
	1700	0.007	0.0	

Community Air Monitoring 4/5/2022

Job Name/Site Number: 77 Cornell LLC - Kingston, NY/356061

DOWNWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS
DustTrak2 Desktop Monitor 8530, Unit 032417/Mini-Rae PID

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Downwind	0830	0.019	0.0	Soil boring/soil cores. Groundwater sampling.
	0845	0.017	0.0	Soil gas sampling.
	0900	0.013	0.0	
	0915	0.017	0.0	
	0930	0.018	0.0	
	0945	0.015	0.0	
	1000	0.020	0.0	
	1015	0.018	0.0	
	1030	0.015	0.0	
	1045	0.017	0.0	
	1100	0.016	0.0	
	1115	0.019	0.0	
	1130	0.017	0.0	
	1145	0.012	0.0	
	1200	0.013	0.0	

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Downwind				Soil boring/soil cores. Groundwater sampling.
	1215	0.011	0.0	Soil gas sampling.
	1230	0.009	0.0	
	1245	0.008	0.0	
	1300	0.010	0.0	
	1315	0.012	0.0	
	1330	0.011	0.0	
	1345	0.010	0.0	
	1400	0.012	0.0	
	1415	0.010	0.0	
	1430	0.011	0.0	
	1445	0.011	0.0	
	1500	0.013	0.0	
	1515	0.010	0.0	
	1530	0.015	0.0	
	1545	0.012	0.0	
	1600	0.011	0.0	
	1615	0.009	0.0	
	1630	0.013	0.0	
	1645	0.012	0.0	
	1700	0.011	0.0	

Community Air Monitoring 4/6/2022

Job Name/Site Number: 77 Cornell - Kingston, NY/356061

UPWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS
DustTrak2 Desktop Monitor 8530, Unit 030992/Mini-Rae PID

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Upwind	0830	0.010	0.0	Soil boring/soil cores. Groundwater sampling.
	0845	0.009	0.0	Soil gas sampling.
	0900	0.009	0.0	
	0915	0.007	0.0	
	0930	0.009	0.0	
	0945	0.010	0.0	
	1000	0.010	0.0	
	1015	0.009	0.0	
	1030	0.011	0.0	
	1045	0.011	0.0	
	1100	0.010	0.0	
	1115	0.008	0.0	
	1130	0.008	0.0	
	1145	0.007	0.0	
	1200	0.008	0.0	

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Upwind				Soil boring/soil cores. Groundwater sampling.
	1215	0.007	0.0	Soil gas sampling.
	1230	0.008	0.0	
	1245	0.007	0.0	
	1300	0.007	0.0	
	1315	0.008	0.0	
	1330	0.008	0.0	
	1345	0.008	0.0	
	1400	0.006	0.0	
	1415	0.006	0.0	
	1430	0.005	0.0	
	1445	0.007	0.0	
	1500	0.007	0.0	
	1515	0.006	0.0	
	1530	0.007	0.0	
	1545	0.007	0.0	
	1600	0.006	0.0	
	1615	0.006	0.0	
	1630	0.005	0.0	
	1645	0.007	0.0	
	1700	0.007	0.0	

Community Air Monitoring 4/6/2022

Job Name/Site Number: 77 Cornell LLC - Kingston, NY/356061

DOWNWIND – PARTICULATES/VOLATILE ORGANIC COMPOUNDS
DustTrak2 Desktop Monitor 8530, Unit 032417/Mini-Rae PID

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Downwind	0830	0.015	0.0	Soil boring/soil cores. Groundwater sampling.
	0845	0.012	0.0	Soil gas sampling.
	0900	0.013	0.0	
	0915	0.014	0.0	
	0930	0.015	0.0	
	0945	0.015	0.0	
	1000	0.013	0.0	
	1015	0.014	0.0	
	1030	0.011	0.0	
	1045	0.014	0.0	
	1100	0.011	0.0	
	1115	0.010	0.0	
	1130	0.010	0.0	
	1145	0.011	0.0	
	1200	0.010	0.0	

LOCATION	TIME	PM10 mg/m3	PID (ppm)	DESCRIPTION OF TASK
Downwind				Soil boring/soil cores. Groundwater sampling.
	1215	0.011	0.0	Soil gas sampling.
	1230	0.012	0.0	
	1245	0.011	0.0	
	1300	0.011	0.0	
	1315	0.013	0.0	
	1330	0.013	0.0	
	1345	0.012	0.0	
	1400	0.010	0.0	
	1415	0.009	0.0	
	1430	0.010	0.0	
	1445	0.010	0.0	
	1500	0.013	0.0	
	1515	0.011	0.0	
	1530	0.012	0.0	
	1545	0.011	0.0	
	1600	0.012	0.0	
	1615	0.009	0.0	
	1630	0.008	0.0	
	1645	0.010	0.0	
	1700	0.009	0.0	

APPENDIX C
SOIL LABORATORY ANALYTICAL REPORT

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/18/2022
Client Project ID: 356061 77 Cornell Street Kingston, New York
York Project (SDG) No.: 22D0202

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: 04/18/2022
Client Project ID: 356061 77 Cornell Street Kingston, New York
York Project (SDG) No.: 22D0202

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 06, 2022 and listed below. The project was identified as your project: **356061 77 Cornell Street Kingston, New York**.

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
22D0202-01	SB-1A	Soil	04/05/2022	04/06/2022
22D0202-02	SB-1B	Soil	04/05/2022	04/06/2022
22D0202-03	SB-2A	Soil	04/05/2022	04/06/2022
22D0202-04	SB-2B	Soil	04/05/2022	04/06/2022
22D0202-05	SB-3A	Soil	04/05/2022	04/06/2022
22D0202-06	SB-3B	Soil	04/05/2022	04/06/2022
22D0202-07	SB-4A	Soil	04/05/2022	04/06/2022
22D0202-08	SB-4B	Soil	04/05/2022	04/06/2022
22D0202-09	SB-5A	Soil	04/05/2022	04/06/2022
22D0202-10	SB-5B	Soil	04/05/2022	04/06/2022
22D0202-11	SB-5B Dup	Soil	04/05/2022	04/06/2022
22D0202-12	SB-6A	Soil	04/06/2022	04/06/2022
22D0202-13	SB-6B	Soil	04/06/2022	04/06/2022
22D0202-14	SB-7A	Soil	04/06/2022	04/06/2022
22D0202-15	SB-7B	Soil	04/06/2022	04/06/2022
22D0202-16	Field Blank	Water	04/06/2022	04/06/2022
22D0202-17	Trip Blank	Water	04/06/2022	04/06/2022

General Notes for York Project (SDG) No.: 22D0202

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: 04/18/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:30	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0095	0.019	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.038	0.076	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.025**	B	mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0024	0.0095	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.038	0.076	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
127-18-4	**Tetrachloroethylene**	**0.044**		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:30	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH	04/14/2022 03:30	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:30	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:30	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,NJDEP,PADEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,PADEP	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,PADEP	04/11/2022 19:14	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
50-32-8	**Benzo(a)pyrene**	**0.0458**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0486**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:14	KH

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.0535**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.109**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0458**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH
85-01-8	**Phenanthrene**	**0.0458**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH
129-00-0	**Pyrene**	**0.0972**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:14	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*46.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 13:21	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

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	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:00	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*87.3 %*	*25-150*
Surrogate: M5PFHxA	*91.0 %*	*25-150*
Surrogate: M4PFHpA	*88.3 %*	*25-150*
Surrogate: M3PFHxS	*84.6 %*	*25-150*

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.4 %*		*25-150*						
	Surrogate: M6PFDA	*72.4 %*		*25-150*						
	Surrogate: M7PFUdA	*68.1 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*70.7 %*		*25-150*						
	Surrogate: M2PFTeDA	*66.2 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*94.3 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.7 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*84.6 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*62.7 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*65.6 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*81.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*81.2 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*80.8 %*		*25-200*						
	Surrogate: M9PFNA	*72.8 %*		*25-150*						

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		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP	04/12/2022 09:06	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:06	CM

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/08/2022 08:10	04/12/2022 09:06	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/08/2022 08:10	04/12/2022 09:06	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:06	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B Certifications:	04/08/2022 08:10	04/12/2022 09:06	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-150*

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	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ

Sample Information

Client Sample ID: SB-1A

York Sample ID: 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:07	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	04/08/2022 08:10	04/11/2022 16:07	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

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**	**9250**		mg/kg dry	5.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-36-0	**Antimony**	**3.64**		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-39-3	**Barium**	**58.3**		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-41-7	**Beryllium**	**0.238**		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-70-2	**Calcium**	**3630**	B	mg/kg dry	5.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-47-3	**Chromium**	**9.81**		mg/kg dry	0.541	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-48-4	**Cobalt**	**5.11**		mg/kg dry	0.432	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7440-50-8	**Copper**	**10.7**		mg/kg dry	2.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7439-89-6	**Iron**	**12600**		mg/kg dry	27.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7439-92-1	**Lead**	**16.2**		mg/kg dry	0.541	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT
7439-95-4	**Magnesium**	**1940**		mg/kg dry	5.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:36	KT

Sample Information

Client Sample ID: SB-1A **York Sample ID:** 22D0202-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:32 am	04/06/2022

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
7439-96-5	**Manganese**	**523**		mg/kg dry	0.541	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**12.8**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**698**		mg/kg dry	5.41	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.541	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**65.8**		mg/kg dry	54.1	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**11.9**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**37.7**		mg/kg dry	2.70	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:36	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**	**0.0910**		mg/kg dry	0.0324	1	EPA 7473	04/11/2022 14:33	04/11/2022 20:01	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.541	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**92.5**		%	0.100	1	SM 2540G	04/11/2022 12:29	04/11/2022 16:03	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0078**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.012	0.023	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.12**		mg/kg dry	0.0058	0.012	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	04/13/2022 12:30	04/14/2022 03:56	FTR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
64-17-5	*** Ethanol**	**0.64**		mg/kg dry	0.047	0.093	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.12**	B	mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.047	0.093	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
75-65-0	**tert-Butyl alcohol (TBA)**	**0.010**		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
127-18-4	**Tetrachloroethylene**	**0.0038**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:56	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH	04/14/2022 03:56	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:56	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:56	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,PADEP	04/11/2022 19:45	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 19:45	KH

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
105-60-2	Caprolactam	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH NELAC-NY10854,NJDEP,PADEP
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
218-01-9	Chrysene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
206-44-0	Fluoranthene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH NELAC-NY10854,NJDEP,PADEP
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 19:45	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 19:45	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*77.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*108 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*98.3 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 13:38	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*	*39-127.5*

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	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL

Sample Information

Client Sample ID: **SB-1B** **York Sample ID:** **22D0202-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:13	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*82.7 %*	*25-150*
Surrogate: M5PFHxA	*86.2 %*	*25-150*
Surrogate: M4PFHpA	*92.0 %*	*25-150*
Surrogate: M3PFHxS	*87.9 %*	*25-150*

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*84.8 %*		*25-150*						
	Surrogate: M6PFDA	*69.7 %*		*25-150*						
	Surrogate: M7PFUdA	*62.2 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*56.9 %*		*25-150*						
	Surrogate: M2PFTeDA	*51.7 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*90.1 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*68.2 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*82.1 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*58.7 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*70.8 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*68.5 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*82.0 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*85.2 %*		*25-200*						
	Surrogate: M9PFNA	*68.6 %*		*25-150*						

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		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP	04/12/2022 09:23	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854	04/12/2022 09:23	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP	04/12/2022 09:23	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:23	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B Certifications:	04/08/2022 08:10	04/12/2022 09:23	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.8 %*	*30-150*

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	0.0187	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/11/2022 16:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/11/2022 16:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/11/2022 16:21	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/11/2022 16:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/11/2022 16:21	BJ

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:21	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:21	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:21	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	04/08/2022 08:10	04/11/2022 16:21	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.0 %*	*30-120*

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**	**8140**		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-36-0	**Antimony**	**5.84**		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-38-2	**Arsenic**	**10.2**		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-39-3	**Barium**	**40.4**		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-41-7	**Beryllium**	**0.396**		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-70-2	**Calcium**	**351**	B	mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-47-3	**Chromium**	**9.37**		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-48-4	**Cobalt**	**6.30**		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7440-50-8	**Copper**	**11.9**		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7439-89-6	**Iron**	**18200**		mg/kg dry	28.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT
7439-92-1	**Lead**	**5.79**		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:38	KT

Sample Information

Client Sample ID: SB-1B

York Sample ID: 22D0202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 10:42 am	04/06/2022

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
7439-95-4	**Magnesium**	**2990**		mg/kg dry	5.72	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**440**		mg/kg dry	0.572	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.3**		mg/kg dry	1.14	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1070**		mg/kg dry	5.72	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**66.1**		mg/kg dry	57.2	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**8.93**		mg/kg dry	1.14	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**42.7**		mg/kg dry	2.86	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:38	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	ND		mg/kg dry	0.0343	1	EPA 7473	04/11/2022 14:33	04/11/2022 20:27	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.572	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**87.4**		%	0.100	1	SM 2540G	04/11/2022 12:29	04/11/2022 16:03	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.091	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 04:22	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0091	0.018	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
67-64-1	**Acetone**	**0.0082**	J	mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:22	FTR

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.036	0.073	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.028**	B	mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0091	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR

Sample Information

Client Sample ID: SB-2A **York Sample ID:** 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.036	0.073	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:22	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 20:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 20:17	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 20:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:17	KH

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.0585**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.0620**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0705**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0655**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0500**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.0662**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.106**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0676**	J	mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:17	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:17	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:17	KH
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:17	KH
129-00-0	**Pyrene**	**0.104**		mg/kg dry	0.0442	0.0881	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:17	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 13:55	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

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	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.253	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:26	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*81.2 %*	*25-150*
Surrogate: M5PFHxA	*86.3 %*	*25-150*
Surrogate: M4PFHpA	*83.8 %*	*25-150*
Surrogate: M3PFHxS	*88.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*78.0 %*	*25-150*
Surrogate: M6PFDA	*65.5 %*	*25-150*

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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: M7PFUdA	*58.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*54.8 %*			*25-150*					
	Surrogate: M2PFTeDA	*43.0 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*88.6 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*59.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*81.6 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*56.6 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*62.9 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*65.3 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*81.5 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*80.6 %*			*25-200*					
	Surrogate: M9PFNA	*68.2 %*			*25-150*					

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		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP	04/12/2022 09:40	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:40	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854	04/12/2022 09:40	CM

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/08/2022 08:10	04/12/2022 09:40	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:40	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B Certifications:	04/08/2022 08:10	04/12/2022 09:40	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.7 %*	*30-150*

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	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:35	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:35	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:35	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:35	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:35	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:35	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:35	BJ

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/11/2022 16:35	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/11/2022 16:35	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	04/08/2022 08:10	04/11/2022 16:35	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*	*30-120*

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**	**11300**		mg/kg dry	5.34	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-36-0	**Antimony**	**5.76**		mg/kg dry	2.67	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-38-2	**Arsenic**	**1.70**		mg/kg dry	1.60	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-39-3	**Barium**	**28.9**		mg/kg dry	2.67	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-41-7	**Beryllium**	**0.289**		mg/kg dry	0.053	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-70-2	**Calcium**	**414**	B	mg/kg dry	5.34	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-47-3	**Chromium**	**12.3**		mg/kg dry	0.534	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-48-4	**Cobalt**	**7.63**		mg/kg dry	0.427	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7440-50-8	**Copper**	**9.35**		mg/kg dry	2.13	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7439-89-6	**Iron**	**18200**		mg/kg dry	26.7	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7439-92-1	**Lead**	**6.41**		mg/kg dry	0.534	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7439-95-4	**Magnesium**	**2850**		mg/kg dry	5.34	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT
7439-96-5	**Manganese**	**345**		mg/kg dry	0.534	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:46	KT

Sample Information

Client Sample ID: SB-2A

York Sample ID: 22D0202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:30 am	04/06/2022

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
7440-02-0	**Nickel**	**18.8**		mg/kg dry	1.07	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**832**		mg/kg dry	5.34	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.534	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	53.4	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.67	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**14.8**		mg/kg dry	1.07	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**39.2**		mg/kg dry	2.67	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:46	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	ND		mg/kg dry	0.0320	1	EPA 7473	04/11/2022 14:33	04/11/2022 20:35	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.534	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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	04/11/2022 12:29	04/11/2022 16:03	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 04:49	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
67-64-1	**Acetone**	**0.035**		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:49	FTR

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.12**	B	mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:49	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 20:49	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 20:49	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 20:49	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 20:49	KH

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 20:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:49	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:49	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:49	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:49	KH
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:49	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 20:49	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*84.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*77.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*87.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 14:12	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

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	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.267	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 20:39	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*88.4 %*	*25-150*
Surrogate: M5PFHxA	*89.7 %*	*25-150*
Surrogate: M4PFHpA	*88.2 %*	*25-150*
Surrogate: M3PFHxS	*88.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.4 %*	*25-150*
Surrogate: M6PFDA	*74.2 %*	*25-150*

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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: M7PFUdA	*64.2 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.7 %*		*25-150*						
	Surrogate: M2PFTeDA	*57.5 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*92.8 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*75.0 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*85.6 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*71.1 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*70.3 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*75.6 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*88.1 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*88.6 %*		*25-200*						
	Surrogate: M9PFNA	*78.6 %*		*25-150*						

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		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP	04/12/2022 09:57	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 09:57	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854	04/12/2022 09:57	CM

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/08/2022 08:10	04/12/2022 09:57	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 09:57	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B Certifications:	04/08/2022 08:10	04/12/2022 09:57	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.6 %*	*30-150*

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	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:48	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:48	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:48	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:48	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:48	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:48	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 16:48	BJ

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/11/2022 16:48	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/11/2022 16:48	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	04/08/2022 08:10	04/11/2022 16:48	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.5 %*	*30-120*

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**	**6970**		mg/kg dry	5.58	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-36-0	**Antimony**	**4.78**		mg/kg dry	2.79	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-38-2	**Arsenic**	**2.19**		mg/kg dry	1.67	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-39-3	**Barium**	**47.2**		mg/kg dry	2.79	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-41-7	**Beryllium**	**0.241**		mg/kg dry	0.056	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-70-2	**Calcium**	**404**	B	mg/kg dry	5.58	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-47-3	**Chromium**	**9.97**		mg/kg dry	0.558	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-48-4	**Cobalt**	**6.05**		mg/kg dry	0.447	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7440-50-8	**Copper**	**9.99**		mg/kg dry	2.23	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7439-89-6	**Iron**	**15000**		mg/kg dry	27.9	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7439-92-1	**Lead**	**5.24**		mg/kg dry	0.558	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7439-95-4	**Magnesium**	**2490**		mg/kg dry	5.58	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT
7439-96-5	**Manganese**	**579**		mg/kg dry	0.558	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 16:48	KT

Sample Information

Client Sample ID: SB-2B

York Sample ID: 22D0202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 11:45 am	04/06/2022

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
7440-02-0	**Nickel**	**14.0**		mg/kg dry	1.12	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1090**		mg/kg dry	5.58	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**59.4**		mg/kg dry	55.8	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**9.37**		mg/kg dry	1.12	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**36.8**		mg/kg dry	2.79	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:48	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	ND		mg/kg dry	0.0335	1	EPA 7473	04/11/2022 14:33	04/11/2022 20:44	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.558	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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	04/11/2022 12:29	04/11/2022 16:03	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/13/2022 12:30	04/14/2022 05:15	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
67-64-1	**Acetone**	**0.048**		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:15	FTR

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.10**	B	mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR

Sample Information

Client Sample ID: SB-3A **York Sample ID:** 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:15	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH	04/14/2022 05:15	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:15	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 05:15	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 21:20	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 21:20	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 21:20	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:20	KH

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:20	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:20	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:20	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:20	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:20	KH
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:20	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0889	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:20	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*48.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 14:29	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

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	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:17	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*87.9 %*	*25-150*
Surrogate: M5PFHxA	*87.7 %*	*25-150*
Surrogate: M4PFHpA	*82.0 %*	*25-150*
Surrogate: M3PFHxS	*86.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.1 %*	*25-150*
Surrogate: M6PFDA	*69.3 %*	*25-150*

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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: M7PFUdA	*68.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*68.0 %*			*25-150*					
	Surrogate: M2PFTeDA	*57.0 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*89.2 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*69.3 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*81.8 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.9 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*72.1 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*82.8 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*74.3 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*82.7 %*			*25-200*					
	Surrogate: M9PFNA	*78.8 %*			*25-150*					

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		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP	04/12/2022 10:14	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:14	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854	04/12/2022 10:14	CM

Sample Information

Client Sample ID: SB-3A **York Sample ID:** 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/08/2022 08:10	04/12/2022 10:14	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:14	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0354	5	EPA 8081B Certifications:	04/08/2022 08:10	04/12/2022 10:14	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.3 %*	*30-150*

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	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:02	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	04/08/2022 08:10	04/11/2022 17:02	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.5 %*	*30-120*

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**	**9740**		mg/kg dry	5.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-36-0	**Antimony**	**3.86**		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-39-3	**Barium**	**31.5**		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-41-7	**Beryllium**	**0.322**		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.325	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-70-2	**Calcium**	**438**	B	mg/kg dry	5.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-47-3	**Chromium**	**9.91**		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-48-4	**Cobalt**	**5.81**		mg/kg dry	0.433	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7440-50-8	**Copper**	**11.1**		mg/kg dry	2.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7439-89-6	**Iron**	**14000**		mg/kg dry	27.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7439-92-1	**Lead**	**5.38**		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7439-95-4	**Magnesium**	**2150**		mg/kg dry	5.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT
7439-96-5	**Manganese**	**256**		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:51	KT

Sample Information

Client Sample ID: SB-3A

York Sample ID: 22D0202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:00 pm	04/06/2022

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
7440-02-0	**Nickel**	**12.6**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**668**		mg/kg dry	5.42	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**74.2**		mg/kg dry	54.2	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**12.8**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**36.5**		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:51	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**	**0.0690**		mg/kg dry	0.0325	1	EPA 7473	04/11/2022 14:33	04/11/2022 20:53	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.542	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**92.3**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 16:16	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:16	FTR

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.037	0.074	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.038**	B	mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0092	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR

Sample Information

Client Sample ID: SB-3B **York Sample ID:** 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.074	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 21:52	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 21:52	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 21:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 21:52	KH

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.173	0.347	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.347	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 21:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:52	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:52	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:52	KH
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:52	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 21:52	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*59.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 14:46	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

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	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.262	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:30	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*81.3 %*	*25-150*
Surrogate: M5PFHxA	*81.7 %*	*25-150*
Surrogate: M4PFHpA	*80.7 %*	*25-150*
Surrogate: M3PFHxS	*78.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*72.4 %*	*25-150*
Surrogate: M6PFDA	*62.5 %*	*25-150*

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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: M7PFUdA	*59.8 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*51.8 %*			*25-150*					
	Surrogate: M2PFTeDA	*41.1 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*85.0 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*62.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.9 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*50.7 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*55.6 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*57.1 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*72.3 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*61.4 %*			*25-200*					
	Surrogate: M9PFNA	*65.9 %*			*25-150*					

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		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 NELAC-NY10854,NJDEP	04/12/2022 10:30	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 10:30	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/08/2022 08:10 CTDOH,NELAC-NY10854	04/12/2022 10:30	CM

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/08/2022 08:10	04/12/2022 10:30	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/12/2022 10:30	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B Certifications:	04/08/2022 08:10	04/12/2022 10:30	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.7 %*	*30-150*

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	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:10	04/11/2022 17:16	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	04/08/2022 08:10	04/11/2022 17:16	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.5 %*	*30-120*

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**	**6370**		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-36-0	**Antimony**	**4.16**		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-39-3	**Barium**	**21.9**		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-41-7	**Beryllium**	**0.252**		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-70-2	**Calcium**	**401**	B	mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-47-3	**Chromium**	**7.76**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-48-4	**Cobalt**	**5.97**		mg/kg dry	0.421	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7440-50-8	**Copper**	**10.8**		mg/kg dry	2.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7439-89-6	**Iron**	**13500**		mg/kg dry	26.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7439-92-1	**Lead**	**4.77**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7439-95-4	**Magnesium**	**2320**		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT
7439-96-5	**Manganese**	**292**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:53	KT

Sample Information

Client Sample ID: SB-3B

York Sample ID: 22D0202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:15 pm	04/06/2022

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
7440-02-0	**Nickel**	**13.8**		mg/kg dry	1.05	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**878**		mg/kg dry	5.26	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**56.2**		mg/kg dry	52.6	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.63	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**8.36**		mg/kg dry	1.05	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**35.8**		mg/kg dry	2.63	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:53	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	ND		mg/kg dry	0.0316	1	EPA 7473	04/11/2022 14:33	04/11/2022 21:01	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.526	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**95.1**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 16:42	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 16:42	FTR

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.031**	B	mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 16:42	FTR 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*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 22:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 22:23	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 22:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:23	KH

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0888**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.365	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.365	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.318**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.381**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.305**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.336**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.286**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.315**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.439**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.369**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:23	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:23	KH
85-01-8	**Phenanthrene**	**0.0880**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:23	KH
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:23	KH
129-00-0	**Pyrene**	**0.519**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:23	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 15:03	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.0 %*	*39-127.5*

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	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.275	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 21:56	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*91.1 %*	*25-150*
Surrogate: M5PFHxA	*93.5 %*	*25-150*
Surrogate: M4PFHpA	*91.2 %*	*25-150*
Surrogate: M3PFHxS	*87.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.8 %*	*25-150*
Surrogate: M6PFDA	*79.6 %*	*25-150*

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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: M7PFUdA	*72.2 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*58.8 %*		*25-150*						
	Surrogate: M2PFTeDA	*35.1 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*102 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*85.7 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*92.2 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*63.5 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*68.6 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*71.6 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*89.2 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*96.4 %*		*25-200*						
	Surrogate: M9PFNA	*74.6 %*		*25-150*						

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		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/11/2022 13:24	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 13:24	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854	04/11/2022 13:24	CM

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/11/2022 13:24	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/11/2022 13:24	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	04/07/2022 07:35	04/11/2022 13:24	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*122 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.9 %*	*30-150*

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	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:19	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	04/07/2022 07:35	04/08/2022 20:19	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-120*

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**	**9060**		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-36-0	**Antimony**	**13.3**		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-38-2	**Arsenic**	**6.07**		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-39-3	**Barium**	**209**		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-41-7	**Beryllium**	**0.315**		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-43-9	**Cadmium**	**0.803**		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-70-2	**Calcium**	**2630**	B	mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-47-3	**Chromium**	**44.5**		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-48-4	**Cobalt**	**7.55**		mg/kg dry	0.447	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7440-50-8	**Copper**	**66.9**		mg/kg dry	2.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7439-89-6	**Iron**	**42700**		mg/kg dry	27.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7439-92-1	**Lead**	**359**		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7439-95-4	**Magnesium**	**1970**		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT
7439-96-5	**Manganese**	**572**		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:55	KT

Sample Information

Client Sample ID: SB-4A

York Sample ID: 22D0202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:20 pm	04/06/2022

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
7440-02-0	**Nickel**	**20.1**		mg/kg dry	1.12	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**707**		mg/kg dry	5.58	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	**Silver**	**1.77**		mg/kg dry	0.558	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**205**		mg/kg dry	55.8	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**15.8**		mg/kg dry	1.12	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**364**		mg/kg dry	2.79	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:55	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**	**0.306**		mg/kg dry	0.0335	1	EPA 7473	04/11/2022 14:33	04/11/2022 21:10	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.558	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**89.5**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.091	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 17:09	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0091	0.018	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 17:09	FTR

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.037	0.073	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.039**	B	mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0091	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.073	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	04/14/2022 09:00	04/14/2022 17:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 22:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 22:54	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 22:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 22:54	KH

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0875	0.175	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 22:54 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:54	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:54	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:54	KH
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:54	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0875	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 22:54	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 15:20	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

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	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.259	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:09	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*83.2 %*	*25-150*
Surrogate: M5PFHxA	*83.2 %*	*25-150*
Surrogate: M4PFHpA	*83.4 %*	*25-150*
Surrogate: M3PFHxS	*81.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*69.7 %*	*25-150*
Surrogate: M6PFDA	*66.4 %*	*25-150*

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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: M7PFUdA	*64.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*53.7 %*			*25-150*					
	Surrogate: M2PFTeDA	*35.9 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*85.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*65.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.2 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*51.7 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*71.2 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*70.4 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*79.7 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*62.2 %*			*25-200*					
	Surrogate: M9PFNA	*65.5 %*			*25-150*					

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		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 08:23	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854	04/10/2022 08:23	CM

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 08:23	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:23	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 08:23	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-150*

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	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 20:33	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 20:33	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 20:33	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 20:33	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 20:33	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 20:33	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 20:33	BJ

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:33	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:33	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	04/07/2022 07:35	04/08/2022 20:33	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-120*

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**	**5630**		mg/kg dry	5.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-36-0	**Antimony**	**3.03**		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-39-3	**Barium**	**28.0**		mg/kg dry	2.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-41-7	**Beryllium**	**0.216**		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-70-2	**Calcium**	**139**	B	mg/kg dry	5.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-47-3	**Chromium**	**7.05**		mg/kg dry	0.540	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-48-4	**Cobalt**	**5.12**		mg/kg dry	0.432	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7440-50-8	**Copper**	**8.17**		mg/kg dry	2.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7439-89-6	**Iron**	**12000**		mg/kg dry	27.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7439-92-1	**Lead**	**4.72**		mg/kg dry	0.540	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7439-95-4	**Magnesium**	**2110**		mg/kg dry	5.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT
7439-96-5	**Manganese**	**418**		mg/kg dry	0.540	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:57	KT

Sample Information

Client Sample ID: SB-4B

York Sample ID: 22D0202-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 12:40 pm	04/06/2022

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
7440-02-0	**Nickel**	**12.3**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**753**		mg/kg dry	5.40	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.70	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	54.0	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.70	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**7.17**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**30.6**		mg/kg dry	2.70	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:57	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	ND		mg/kg dry	0.0324	1	EPA 7473	04/11/2022 14:33	04/11/2022 21:19	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.540	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**92.5**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 17:38	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 17:38	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 17:38	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 17:38	FTR

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.025**		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 17:38	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.6 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 23:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 23:26	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 23:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:26	KH

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.343	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0858	0.171	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5A **York Sample ID:** 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:26	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:26	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:26	KH
108-95-2	Phenol	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:26	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0430	0.0858	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*64.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*86.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 15:37	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

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	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:22	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*85.6 %*	*25-150*
Surrogate: M5PFHxA	*91.1 %*	*25-150*
Surrogate: M4PFHpA	*89.4 %*	*25-150*
Surrogate: M3PFHxS	*89.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.6 %*	*25-150*
Surrogate: M6PFDA	*79.9 %*	*25-150*

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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: M7PFUdA	*70.1 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*67.8 %*		*25-150*						
	Surrogate: M2PFTeDA	*48.9 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*93.9 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*78.1 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*84.6 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*64.0 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*62.9 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*74.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*79.2 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*93.7 %*		*25-200*						
	Surrogate: M9PFNA	*73.6 %*		*25-150*						

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		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 08:40	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:40	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854	04/10/2022 08:40	CM

Sample Information

Client Sample ID: SB-5A **York Sample ID:** 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/10/2022 08:40	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:40	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 08:40	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.8 %*	*30-150*

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	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/08/2022 20:46	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	04/07/2022 07:35	04/08/2022 20:46	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*30-120*

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**	**6050**		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-36-0	**Antimony**	**3.67**		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-39-3	**Barium**	**17.4**		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-41-7	**Beryllium**	**0.218**		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-70-2	**Calcium**	**296**	B	mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-47-3	**Chromium**	**7.49**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-48-4	**Cobalt**	**5.00**		mg/kg dry	0.421	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7440-50-8	**Copper**	**9.45**		mg/kg dry	2.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7439-89-6	**Iron**	**12900**		mg/kg dry	26.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7439-92-1	**Lead**	**2.97**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7439-95-4	**Magnesium**	**2170**		mg/kg dry	5.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT
7439-96-5	**Manganese**	**318**		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 16:59	KT

Sample Information

Client Sample ID: SB-5A

York Sample ID: 22D0202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:37 pm	04/06/2022

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
7440-02-0	**Nickel**	**11.7**		mg/kg dry	1.05	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**776**		mg/kg dry	5.26	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**97.3**		mg/kg dry	52.6	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.63	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**7.79**		mg/kg dry	1.05	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**29.7**		mg/kg dry	2.63	1	EPA 6010D	04/06/2022 19:26	04/07/2022 16:59	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	ND		mg/kg dry	0.0316	1	EPA 7473	04/11/2022 14:33	04/11/2022 21:27	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.526	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**95.0**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 18:19	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:19	FTR

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.031**		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.040	0.080	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 23:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 23:57	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/11/2022 23:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 23:57	KH

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.168	0.337	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.337	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/11/2022 23:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:57	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:57	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:57	KH
108-95-2	Phenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:57	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/11/2022 23:57	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*80.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 15:54	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*66.0 %*	*39-127.5*

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	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:35	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*86.3 %*	*25-150*
Surrogate: M5PFHxA	*90.2 %*	*25-150*
Surrogate: M4PFHpA	*85.9 %*	*25-150*
Surrogate: M3PFHxS	*85.8 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*85.9 %*	*25-150*
Surrogate: M6PFDA	*81.9 %*	*25-150*

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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: M7PFUdA	*67.9 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*65.6 %*		*25-150*						
	Surrogate: M2PFTeDA	*41.8 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*92.2 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.6 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*85.9 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*70.9 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*72.8 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*72.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*82.2 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*80.1 %*		*25-200*						
	Surrogate: M9PFNA	*81.0 %*		*25-150*						

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		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 08:56	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 08:56	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854	04/10/2022 08:56	CM

Sample Information

Client Sample ID: SB-5B **York Sample ID:** 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/10/2022 08:56	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 08:56	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0342	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 08:56	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-150*

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	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ

Sample Information

Client Sample ID: SB-5B

York Sample ID: 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 21:58	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	04/07/2022 07:35	04/10/2022 21:58	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.0 %*	*30-120*

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**	**6560**		mg/kg dry	5.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-36-0	**Antimony**	**4.24**		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-39-3	**Barium**	**28.4**		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-41-7	**Beryllium**	**0.248**		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-70-2	**Calcium**	**278**	B	mg/kg dry	5.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-47-3	**Chromium**	**7.94**		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-48-4	**Cobalt**	**5.11**		mg/kg dry	0.415	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7440-50-8	**Copper**	**10.4**		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7439-89-6	**Iron**	**13600**		mg/kg dry	26.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7439-92-1	**Lead**	**3.48**		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7439-95-4	**Magnesium**	**2450**		mg/kg dry	5.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT
7439-96-5	**Manganese**	**321**		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:02	KT

Sample Information

Client Sample ID: SB-5B **York Sample ID:** 22D0202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 3:52 pm	04/06/2022

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
7440-02-0	**Nickel**	**12.9**		mg/kg dry	1.04	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**911**		mg/kg dry	5.19	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**59.7**		mg/kg dry	51.9	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**8.27**		mg/kg dry	1.04	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**31.3**		mg/kg dry	2.60	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:02	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	ND		mg/kg dry	0.0312	1	EPA 7473	04/11/2022 14:33	04/11/2022 21:36	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.519	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**96.3**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 18:46	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 18:46	FTR

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.037	0.075	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.032**		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.075	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	04/15/2022 09:00	04/15/2022 18:46	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 00:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 00:28	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 00:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.168	0.337	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.337	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0841	0.168	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:28	KH

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:28	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:28	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:28	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:28	KH
108-95-2	Phenol	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:28	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0421	0.0841	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:28	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*83.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 16:28	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

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	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL

Sample Information

Client Sample ID: **SB-5B Dup** **York Sample ID:** **22D0202-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 22:48	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*86.6 %*	*25-150*
Surrogate: M5PFHxA	*86.9 %*	*25-150*
Surrogate: M4PFHpA	*87.9 %*	*25-150*
Surrogate: M3PFHxS	*91.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.6 %*	*25-150*
Surrogate: M6PFDA	*77.1 %*	*25-150*

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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: M7PFUdA	*69.8 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.8 %*			*25-150*					
	Surrogate: M2PFTeDA	*56.2 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*94.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*87.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*67.2 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*66.2 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*78.8 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*85.7 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*81.6 %*			*25-200*					
	Surrogate: M9PFNA	*78.3 %*			*25-150*					

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		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 09:13	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:13	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854	04/10/2022 09:13	CM

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/10/2022 09:13	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:13	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0334	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 09:13	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-150*

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	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:11	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	04/07/2022 07:35	04/10/2022 22:11	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.5 %*	*30-120*

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**	**6810**		mg/kg dry	5.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-36-0	**Antimony**	**4.23**		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-38-2	**Arsenic**	**4.03**		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-39-3	**Barium**	**38.1**		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-41-7	**Beryllium**	**0.284**		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.311	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-70-2	**Calcium**	**300**	B	mg/kg dry	5.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-47-3	**Chromium**	**8.98**		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-48-4	**Cobalt**	**5.82**		mg/kg dry	0.415	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7440-50-8	**Copper**	**11.5**		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7439-89-6	**Iron**	**15000**		mg/kg dry	26.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7439-92-1	**Lead**	**5.37**		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7439-95-4	**Magnesium**	**2520**		mg/kg dry	5.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT
7439-96-5	**Manganese**	**480**		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:04	KT

Sample Information

Client Sample ID: SB-5B Dup

York Sample ID: 22D0202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 5, 2022 4:09 pm	04/06/2022

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
7440-02-0	**Nickel**	**13.0**		mg/kg dry	1.04	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**795**		mg/kg dry	5.19	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**64.7**		mg/kg dry	51.9	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.60	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**8.92**		mg/kg dry	1.04	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**35.5**		mg/kg dry	2.60	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:04	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	ND		mg/kg dry	0.0311	1	EPA 7473	04/11/2022 14:33	04/11/2022 22:06	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.519	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**96.3**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 22:28	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:28	FTR

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.066**		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR

Sample Information

Client Sample ID: SB-6A **York Sample ID:** 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:28	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 00:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 00:59	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 00:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 00:59	KH

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0915	0.183	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 00:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:59	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:59	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:59	KH
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:59	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0915	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 00:59	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*102 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 16:45	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

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	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.380**		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.305**		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.264	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:01	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*83.4 %*	*25-150*
Surrogate: M5PFHxA	*86.0 %*	*25-150*
Surrogate: M4PFHpA	*84.2 %*	*25-150*
Surrogate: M3PFHxS	*87.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.9 %*	*25-150*

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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: M6PFDA	*72.8 %*			*25-150*					
	Surrogate: M7PFUdA	*71.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.9 %*			*25-150*					
	Surrogate: M2PFTeDA	*49.8 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*89.8 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*82.8 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*66.1 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*72.8 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*84.5 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*79.4 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*86.2 %*			*25-200*					
	Surrogate: M9PFNA	*77.2 %*			*25-150*					

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		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 09:30	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 09:30	CM

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/07/2022 07:35	04/10/2022 09:30	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/10/2022 09:30	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:30	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 09:30	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*109 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.7 %*	*30-150*

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	04/07/2022 07:35	04/10/2022 22:25	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ

Sample Information

Client Sample ID: SB-6A

York Sample ID: 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:25	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications:	04/07/2022 07:35	04/10/2022 22:25	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-120*

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**	**15700**		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-36-0	**Antimony**	**6.01**		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-38-2	**Arsenic**	**3.55**		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-39-3	**Barium**	**120**		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-41-7	**Beryllium**	**0.446**		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-70-2	**Calcium**	**2240**	B	mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-48-4	**Cobalt**	**8.71**		mg/kg dry	0.452	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7440-50-8	**Copper**	**23.5**		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7439-89-6	**Iron**	**20800**		mg/kg dry	28.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7439-92-1	**Lead**	**85.2**		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT
7439-95-4	**Magnesium**	**2910**		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:06	KT

Sample Information

Client Sample ID: SB-6A **York Sample ID:** 22D0202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:22 am	04/06/2022

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
7439-96-5	**Manganese**	**1010**		mg/kg dry	0.565	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.9**		mg/kg dry	1.13	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1380**		mg/kg dry	5.65	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.565	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**687**		mg/kg dry	56.5	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.9**		mg/kg dry	1.13	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**109**		mg/kg dry	2.83	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:06	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**	**0.0620**		mg/kg dry	0.0339	1	EPA 7473	04/11/2022 14:33	04/11/2022 22:14	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.565	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 22:54	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 22:54	FTR

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.035	0.070	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.063**		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0022	0.0087	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.035	0.070	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**0.0051**		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH
79-01-6	**Trichloroethylene**	**0.011**		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 22:54	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 01:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 01:30	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,PADEP	04/12/2022 01:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,PADEP	04/12/2022 01:30	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19 NELAC-NY10854,NJDEP,PADEP	04/12/2022 01:30	KH

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications:	04/08/2022 13:19	04/12/2022 01:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 13:19	04/12/2022 01:30	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.9 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*80.4 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*99.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*95.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*124 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*112 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 17:02	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

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	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:14	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*80.8 %*	*25-150*
Surrogate: M5PFHxA	*84.1 %*	*25-150*
Surrogate: M4PFHpA	*82.2 %*	*25-150*
Surrogate: M3PFHxS	*86.9 %*	*25-150*

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*77.7 %*		*25-150*						
	Surrogate: M6PFDA	*76.3 %*		*25-150*						
	Surrogate: M7PFUdA	*69.1 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*65.1 %*		*25-150*						
	Surrogate: M2PFTeDA	*49.9 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*89.6 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*80.6 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*82.1 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*64.3 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*75.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*77.5 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*78.9 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*72.3 %*		*25-200*						
	Surrogate: M9PFNA	*75.2 %*		*25-150*						

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		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	04/07/2022 07:35	04/10/2022 09:47	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	04/07/2022 07:35	04/10/2022 09:47	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/10/2022 09:47	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 09:47	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 09:47	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.1 %*	*30-150*

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	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ

Sample Information

Client Sample ID: SB-6B

York Sample ID: 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:39	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	04/07/2022 07:35	04/10/2022 22:39	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*116 %*	*30-120*

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**	**6050**		mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-36-0	**Antimony**	**4.64**		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-39-3	**Barium**	**28.8**		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-41-7	**Beryllium**	**0.245**		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-43-9	**Cadmium**	**6.18**		mg/kg dry	0.333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-70-2	**Calcium**	**259**	B	mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-47-3	**Chromium**	**8.32**		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-48-4	**Cobalt**	**5.10**		mg/kg dry	0.444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7440-50-8	**Copper**	**7.63**		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7439-89-6	**Iron**	**14300**		mg/kg dry	27.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT
7439-92-1	**Lead**	**3.66**		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2022 19:26	04/07/2022 17:14	KT

Sample Information

Client Sample ID: SB-6B **York Sample ID:** 22D0202-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:30 am	04/06/2022

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
7439-95-4	**Magnesium**	**2230**		mg/kg dry	5.55	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**335**		mg/kg dry	0.555	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**13.4**		mg/kg dry	1.11	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**807**		mg/kg dry	5.55	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	55.5	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**7.71**		mg/kg dry	1.11	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**33.4**		mg/kg dry	2.77	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:14	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	ND		mg/kg dry	0.0333	1	EPA 7473	04/11/2022 14:33	04/11/2022 22:23	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.555	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**90.1**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 23:21	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0096	0.019	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.039	0.077	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.017**		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0024	0.0096	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.039	0.077	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:21	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH	04/15/2022 23:21	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:21	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 23:21	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 17:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7A **York Sample ID:** 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 17:42	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*42.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*40.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*46.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 17:19	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

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	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.278	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:27	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*84.5 %*	*25-150*
Surrogate: M5PFHxA	*89.5 %*	*25-150*
Surrogate: M4PFHpA	*91.6 %*	*25-150*
Surrogate: M3PFHxS	*90.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*81.7 %*	*25-150*
Surrogate: M6PFDA	*89.9 %*	*25-150*

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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: M7PFUdA	*80.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*73.4 %*			*25-150*					
	Surrogate: M2PFTeDA	*71.3 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*92.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*83.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*77.5 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*82.9 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*85.6 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*85.5 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*98.2 %*			*25-200*					
	Surrogate: M9PFNA	*80.3 %*			*25-150*					

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		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 10:04	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:04	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854	04/10/2022 10:04	CM

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/10/2022 10:04	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:04	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 10:04	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*115 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.4 %*	*30-150*

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	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:52	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:52	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:52	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:52	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:52	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:52	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 22:52	BJ

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP,PADEP	04/10/2022 22:52	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP,PADEP	04/10/2022 22:52	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	04/07/2022 07:35	04/10/2022 22:52	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-120*

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**	**8510**		mg/kg dry	5.67	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-36-0	**Antimony**	**4.77**		mg/kg dry	2.84	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-38-2	**Arsenic**	**3.57**		mg/kg dry	1.70	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-39-3	**Barium**	**146**		mg/kg dry	2.84	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-41-7	**Beryllium**	**0.286**		mg/kg dry	0.057	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-43-9	**Cadmium**	**0.517**		mg/kg dry	0.340	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-70-2	**Calcium**	**2440**	B	mg/kg dry	5.67	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-47-3	**Chromium**	**25.0**		mg/kg dry	0.567	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-48-4	**Cobalt**	**6.46**		mg/kg dry	0.454	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7440-50-8	**Copper**	**23.4**		mg/kg dry	2.27	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7439-89-6	**Iron**	**14700**		mg/kg dry	28.4	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7439-92-1	**Lead**	**190**		mg/kg dry	0.567	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7439-95-4	**Magnesium**	**2330**		mg/kg dry	5.67	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT
7439-96-5	**Manganese**	**464**		mg/kg dry	0.567	1	EPA 6010D Certifications:	04/06/2022 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 17:16	KT

Sample Information

Client Sample ID: SB-7A

York Sample ID: 22D0202-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:45 am	04/06/2022

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
7440-02-0	**Nickel**	**15.1**		mg/kg dry	1.13	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**850**		mg/kg dry	5.67	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.567	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**355**		mg/kg dry	56.7	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**15.2**		mg/kg dry	1.13	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**222**		mg/kg dry	2.84	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:16	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**	**0.0558**		mg/kg dry	0.0340	1	EPA 7473	04/11/2022 14:33	04/11/2022 22:31	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.567	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**88.1**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/15/2022 23:47	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/15/2022 23:47	FTR

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
64-17-5	* Ethanol	ND		mg/kg dry	0.036	0.072	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-88-4	* Iodomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.024**		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
91-20-3	Naphthalene	ND		mg/kg dry	0.0022	0.0090	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.036	0.072	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH
79-01-6	**Trichloroethylene**	**0.033**		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	04/15/2022 12:30	04/15/2022 23:47	FTR CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,PADEP	04/08/2022 18:12	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,PADEP	04/08/2022 18:12	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,PADEP	04/08/2022 18:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12	04/08/2022 18:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications:	04/08/2022 08:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 18:12	KH

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 18:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 18:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 18:12	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 18:12	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 18:12	KH
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 18:12	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0452	0.0901	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:12	04/08/2022 18:12	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*41.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*39.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*42.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	04/12/2022 09:34	04/13/2022 17:36	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

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	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	04/08/2022 16:08	04/13/2022 23:40	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*86.1 %*	*25-150*
Surrogate: M5PFHxA	*81.2 %*	*25-150*
Surrogate: M4PFHpA	*87.7 %*	*25-150*
Surrogate: M3PFHxS	*87.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.6 %*	*25-150*
Surrogate: M6PFDA	*69.1 %*	*25-150*

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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: M7PFUdA	*65.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*62.3 %*			*25-150*					
	Surrogate: M2PFTeDA	*46.9 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*93.1 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*68.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*83.1 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.8 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*60.8 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*71.0 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*79.9 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*70.3 %*			*25-200*					
	Surrogate: M9PFNA	*72.8 %*			*25-150*					

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		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 NELAC-NY10854,NJDEP	04/10/2022 10:21	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 10:21	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	04/07/2022 07:35 CTDOH,NELAC-NY10854	04/10/2022 10:21	CM

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	04/07/2022 07:35	04/10/2022 10:21	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 10:21	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B Certifications:	04/07/2022 07:35	04/10/2022 10:21	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*125 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.7 %*	*30-150*

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	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 23:06	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 23:06	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 23:06	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 23:06	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 23:06	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 23:06	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 07:35	04/10/2022 23:06	BJ

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0177	1	EPA 8082A	04/07/2022 07:35	04/10/2022 23:06	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0177	1	EPA 8082A	04/07/2022 07:35	04/10/2022 23:06	BJ
							Certifications:	NELAC-NY10854,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	04/07/2022 07:35	04/10/2022 23:06	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-120*

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**	**7980**		mg/kg dry	5.42	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**5.00**		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.71**		mg/kg dry	1.63	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**49.1**		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.339**		mg/kg dry	0.054	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.325	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**280**	B	mg/kg dry	5.42	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.9**		mg/kg dry	0.542	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.14**		mg/kg dry	0.434	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**14.6**		mg/kg dry	2.17	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17700**		mg/kg dry	27.1	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.55**		mg/kg dry	0.542	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2780**		mg/kg dry	5.42	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**593**		mg/kg dry	0.542	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-7B

York Sample ID: 22D0202-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Soil	April 6, 2022 10:55 am	04/06/2022

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
7440-02-0	**Nickel**	**16.5**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**854**		mg/kg dry	5.42	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**64.5**		mg/kg dry	54.2	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**11.2**		mg/kg dry	1.08	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**47.9**		mg/kg dry	2.71	1	EPA 6010D	04/06/2022 19:26	04/07/2022 17:18	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	ND		mg/kg dry	0.0325	1	EPA 7473	04/11/2022 14:33	04/11/2022 22:40	S_G
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	ND		mg/kg dry	0.542	1	EPA 9014/9010C	04/07/2022 08:00	04/07/2022 13:24	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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**	**92.2**		%	0.100	1	SM 2540G	04/11/2022 12:31	04/11/2022 16:35	VR
							Certifications: CTDOH			

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **22D0202-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Water	April 6, 2022 11:00 am	04/06/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 18:07	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

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)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **22D0202-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Water	April 6, 2022 11:00 am	04/06/2022

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
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.81	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/08/2022 11:08	04/11/2022 14:54	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.1 %*	*25-150*
Surrogate: M5PFHxA	*88.5 %*	*25-150*
Surrogate: M4PFHpA	*91.3 %*	*25-150*
Surrogate: M3PFHxS	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*93.5 %*	*25-150*
Surrogate: M6PFDA	*98.9 %*	*25-150*
Surrogate: M7PFUdA	*93.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*81.6 %*	*25-150*
Surrogate: M2PFTeDA	*56.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*92.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*101 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*21.4 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*74.1 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*85.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*86.9 %*	*25-200*
Surrogate: M2-8:2 FTS	*109 %*	*25-200*
Surrogate: M9PFNA	*99.6 %*	*25-150*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22D0202-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Water	April 6, 2022 11:03 am	04/06/2022

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **22D0202-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Water	April 6, 2022 11:03 am	04/06/2022

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:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	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:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 00:28	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22D0202-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Water	April 6, 2022 11:03 am	04/06/2022

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
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22D0202-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Water	April 6, 2022 11:03 am	04/06/2022

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
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 00:28	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 00:28	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 00:28	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 00:28	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 00:28	JM

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22D0202-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0202	356061 77 Cornell Street Kingston, New York	Water	April 6, 2022 11:03 am	04/06/2022

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
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 00:28	JM CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*79-122*

Analytical Batch Summary

Batch ID: BD20392 **Preparation Method:** EPA 3050B **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/06/22
22D0202-02	SB-1B	04/06/22
22D0202-03	SB-2A	04/06/22
22D0202-04	SB-2B	04/06/22
22D0202-05	SB-3A	04/06/22
22D0202-06	SB-3B	04/06/22
22D0202-07	SB-4A	04/06/22
22D0202-08	SB-4B	04/06/22
22D0202-09	SB-5A	04/06/22
22D0202-10	SB-5B	04/06/22
22D0202-11	SB-5B Dup	04/06/22
22D0202-12	SB-6A	04/06/22
22D0202-13	SB-6B	04/06/22
22D0202-14	SB-7A	04/06/22
22D0202-15	SB-7B	04/06/22
BD20392-BLK1	Blank	04/06/22
BD20392-DUP1	Duplicate	04/06/22
BD20392-MS1	Matrix Spike	04/06/22
BD20392-PS1	Post Spike	04/06/22
BD20392-SRM1	Reference	04/06/22

Batch ID: BD20405 **Preparation Method:** EPA 3550C **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-07	SB-4A	04/07/22
22D0202-07	SB-4A	04/07/22
22D0202-08	SB-4B	04/07/22
22D0202-08	SB-4B	04/07/22
22D0202-09	SB-5A	04/07/22
22D0202-09	SB-5A	04/07/22
22D0202-10	SB-5B	04/07/22
22D0202-10	SB-5B	04/07/22
22D0202-11	SB-5B Dup	04/07/22
22D0202-11	SB-5B Dup	04/07/22
22D0202-12	SB-6A	04/07/22
22D0202-12	SB-6A	04/07/22
22D0202-13	SB-6B	04/07/22
22D0202-13	SB-6B	04/07/22
22D0202-14	SB-7A	04/07/22
22D0202-14	SB-7A	04/07/22
22D0202-15	SB-7B	04/07/22
22D0202-15	SB-7B	04/07/22
BD20405-BLK1	Blank	04/07/22
BD20405-BLK2	Blank	04/07/22
BD20405-BS1	LCS	04/07/22
BD20405-BS2	LCS	04/07/22

BD20405-MS1	Matrix Spike	04/07/22
BD20405-MSD1	Matrix Spike Dup	04/07/22

Batch ID: BD20406 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJA

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/07/22
22D0202-02	SB-1B	04/07/22
22D0202-03	SB-2A	04/07/22
22D0202-04	SB-2B	04/07/22
22D0202-05	SB-3A	04/07/22
22D0202-06	SB-3B	04/07/22
22D0202-07	SB-4A	04/07/22
22D0202-08	SB-4B	04/07/22
22D0202-09	SB-5A	04/07/22
22D0202-10	SB-5B	04/07/22
22D0202-11	SB-5B Dup	04/07/22
22D0202-12	SB-6A	04/07/22
22D0202-13	SB-6B	04/07/22
22D0202-14	SB-7A	04/07/22
22D0202-15	SB-7B	04/07/22
BD20406-BLK1	Blank	04/07/22
BD20406-DUP1	Duplicate	04/07/22
BD20406-MS1	Matrix Spike	04/07/22
BD20406-SRM1	Reference	04/07/22

Batch ID: BD20486 **Preparation Method:** EPA 3550C **Prepared By:** NN

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/08/22
22D0202-01	SB-1A	04/08/22
22D0202-02	SB-1B	04/08/22
22D0202-02	SB-1B	04/08/22
22D0202-03	SB-2A	04/08/22
22D0202-03	SB-2A	04/08/22
22D0202-04	SB-2B	04/08/22
22D0202-04	SB-2B	04/08/22
22D0202-05	SB-3A	04/08/22
22D0202-05	SB-3A	04/08/22
22D0202-06	SB-3B	04/08/22
22D0202-06	SB-3B	04/08/22
BD20486-BLK1	Blank	04/08/22
BD20486-BLK2	Blank	04/08/22
BD20486-BLK2	Blank	04/08/22
BD20486-BS1	LCS	04/08/22
BD20486-BS2	LCS	04/08/22
BD20486-BS2	LCS	04/08/22
BD20486-MS1	Matrix Spike	04/08/22
BD20486-MSD1	Matrix Spike Dup	04/08/22

Batch ID: BD20488 **Preparation Method:** EPA 3546 SVOA **Prepared By:** MWS

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-14	SB-7A	04/08/22
22D0202-15	SB-7B	04/08/22
BD20488-BLK1	Blank	04/08/22
BD20488-BS1	LCS	04/08/22
BD20488-MS1	Matrix Spike	04/08/22
BD20488-MSD1	Matrix Spike Dup	04/08/22

Batch ID: BD20511 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-16	Field Blank	04/08/22
BD20511-BLK1	Blank	04/08/22
BD20511-BS1	LCS	04/08/22
BD20511-BSD1	LCS Dup	04/08/22

Batch ID: BD20519 **Preparation Method:** EPA 3550C **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/08/22
22D0202-02	SB-1B	04/08/22
22D0202-03	SB-2A	04/08/22
22D0202-04	SB-2B	04/08/22
22D0202-05	SB-3A	04/08/22
22D0202-06	SB-3B	04/08/22
22D0202-07	SB-4A	04/08/22
22D0202-08	SB-4B	04/08/22
22D0202-09	SB-5A	04/08/22
22D0202-10	SB-5B	04/08/22
22D0202-11	SB-5B Dup	04/08/22
22D0202-12	SB-6A	04/08/22
22D0202-13	SB-6B	04/08/22
BD20519-BLK1	Blank	04/08/22
BD20519-BS1	LCS	04/08/22
BD20519-MS1	Matrix Spike	04/08/22
BD20519-MSD1	Matrix Spike Dup	04/08/22

Batch ID: BD20542 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/08/22
22D0202-02	SB-1B	04/08/22
22D0202-03	SB-2A	04/08/22
22D0202-04	SB-2B	04/08/22
22D0202-05	SB-3A	04/08/22
22D0202-06	SB-3B	04/08/22
22D0202-07	SB-4A	04/08/22
22D0202-08	SB-4B	04/08/22

22D0202-09	SB-5A	04/08/22
22D0202-10	SB-5B	04/08/22
22D0202-11	SB-5B Dup	04/08/22
22D0202-12	SB-6A	04/08/22
22D0202-13	SB-6B	04/08/22
22D0202-14	SB-7A	04/08/22
22D0202-15	SB-7B	04/08/22
BD20542-BLK1	Blank	04/08/22
BD20542-BS1	LCS	04/08/22
BD20542-MS1	Matrix Spike	04/08/22
BD20542-MSD1	Matrix Spike Dup	04/08/22

Batch ID: BD20611 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/11/22
22D0202-02	SB-1B	04/11/22
22D0202-03	SB-2A	04/11/22
22D0202-04	SB-2B	04/11/22
BD20611-DUP1	Duplicate	04/11/22

Batch ID: BD20612 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-05	SB-3A	04/11/22
22D0202-06	SB-3B	04/11/22
22D0202-07	SB-4A	04/11/22
22D0202-08	SB-4B	04/11/22
22D0202-09	SB-5A	04/11/22
22D0202-10	SB-5B	04/11/22
22D0202-11	SB-5B Dup	04/11/22
22D0202-12	SB-6A	04/11/22
22D0202-13	SB-6B	04/11/22
22D0202-14	SB-7A	04/11/22
22D0202-15	SB-7B	04/11/22
BD20612-DUP1	Duplicate	04/11/22

Batch ID: BD20637 **Preparation Method:** EPA 7473 soil **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/11/22
22D0202-02	SB-1B	04/11/22
22D0202-03	SB-2A	04/11/22
22D0202-04	SB-2B	04/11/22
22D0202-05	SB-3A	04/11/22
22D0202-06	SB-3B	04/11/22
22D0202-07	SB-4A	04/11/22
22D0202-08	SB-4B	04/11/22
22D0202-09	SB-5A	04/11/22
22D0202-10	SB-5B	04/11/22

22D0202-11	SB-5B Dup	04/11/22
22D0202-12	SB-6A	04/11/22
22D0202-13	SB-6B	04/11/22
22D0202-14	SB-7A	04/11/22
22D0202-15	SB-7B	04/11/22
BD20637-BLK1	Blank	04/11/22
BD20637-DUP1	Duplicate	04/11/22
BD20637-MS1	Matrix Spike	04/11/22
BD20637-SRM1	Reference	04/11/22

Batch ID: BD20683 **Preparation Method:** EPA 3550C **Prepared By:** VS

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/12/22
22D0202-02	SB-1B	04/12/22
22D0202-03	SB-2A	04/12/22
22D0202-04	SB-2B	04/12/22
22D0202-05	SB-3A	04/12/22
22D0202-06	SB-3B	04/12/22
22D0202-07	SB-4A	04/12/22
22D0202-08	SB-4B	04/12/22
22D0202-09	SB-5A	04/12/22
22D0202-10	SB-5B	04/12/22
22D0202-11	SB-5B Dup	04/12/22
22D0202-12	SB-6A	04/12/22
22D0202-13	SB-6B	04/12/22
22D0202-14	SB-7A	04/12/22
22D0202-15	SB-7B	04/12/22
BD20683-BLK1	Blank	04/12/22
BD20683-BS1	LCS	04/12/22
BD20683-MS1	Matrix Spike	04/12/22
BD20683-MSD1	Matrix Spike Dup	04/12/22

Batch ID: BD20752 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-16	Field Blank	04/13/22
BD20752-BLK1	Blank	04/13/22
BD20752-BS1	LCS	04/13/22
BD20752-MS1	Matrix Spike	04/13/22
BD20752-MSD1	Matrix Spike Dup	04/13/22

Batch ID: BD20775 **Preparation Method:** EPA 5030B **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-17	Trip Blank	04/13/22
BD20775-BLK1	Blank	04/13/22
BD20775-BS1	LCS	04/13/22
BD20775-BSD1	LCS Dup	04/13/22
BD20775-MS1	Matrix Spike	04/13/22

BD20775-MSD1	Matrix Spike Dup	04/13/22

Batch ID: BD20814 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-01	SB-1A	04/13/22
22D0202-02	SB-1B	04/13/22
22D0202-03	SB-2A	04/13/22
22D0202-04	SB-2B	04/13/22
22D0202-05	SB-3A	04/13/22
BD20814-BLK1	Blank	04/13/22
BD20814-BLK2	Blank	04/13/22
BD20814-BS1	LCS	04/13/22
BD20814-BSD1	LCS Dup	04/13/22

Batch ID: BD20856 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-06	SB-3B	04/14/22
22D0202-07	SB-4A	04/14/22
22D0202-08	SB-4B	04/14/22
BD20856-BLK1	Blank	04/14/22
BD20856-BLK2	Blank	04/14/22
BD20856-BS1	LCS	04/14/22
BD20856-BSD1	LCS Dup	04/14/22

Batch ID: BD20937 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-09	SB-5A	04/15/22
BD20937-BLK1	Blank	04/15/22
BD20937-BLK2	Blank	04/15/22
BD20937-BS1	LCS	04/15/22
BD20937-BSD1	LCS Dup	04/15/22
BD20937-MS1	Matrix Spike	04/15/22
BD20937-MSD1	Matrix Spike Dup	04/15/22

Batch ID: BD20938 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-10	SB-5B	04/15/22
22D0202-11	SB-5B Dup	04/15/22
BD20938-BLK1	Blank	04/15/22
BD20938-BLK2	Blank	04/15/22
BD20938-BS1	LCS	04/15/22
BD20938-BSD1	LCS Dup	04/15/22
BD20938-MS1	Matrix Spike	04/15/22
BD20938-MSD1	Matrix Spike Dup	04/15/22

Batch ID: BD20981 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22D0202-12	SB-6A	04/15/22
22D0202-13	SB-6B	04/15/22
22D0202-14	SB-7A	04/15/22
22D0202-15	SB-7B	04/15/22
BD20981-BLK1	Blank	04/15/22
BD20981-BLK2	Blank	04/15/22
BD20981-BS1	LCS	04/15/22
BD20981-MS1	Matrix Spike	04/15/22
BD20981-MSD1	Matrix Spike Dup	04/15/22

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 BD20775 - EPA 5030B											
Blank (BD20775-BLK1)											Prepared & Analyzed: 04/13/2022
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	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	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	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	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	"								
Bromobenzene	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	"								

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 BD20775 - EPA 5030B											
Blank (BD20775-BLK1)											
Prepared & Analyzed: 04/13/2022											
Dichlorodifluoromethane	ND	0.500	ug/L								
Diisopropyl ether (DIPE)	ND	0.800	"								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
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-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*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 BD20775 - EPA 5030B											
LCS (BD20775-BS1)								Prepared & Analyzed: 04/13/2022			
1,1,1,2-Tetrachloroethane	9.27		ug/L	10.0		92.7	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	9.03		"	10.0		90.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	54-165				
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	8.63		"	10.0		86.3	76-136				
1,2,3-Trichloropropane	8.95		"	10.0		89.5	77-128				
1,2,4,5-Tetramethylbenzene	8.38		"	10.0		83.8	85-140	Low Bias			
1,2,4-Trichlorobenzene	8.17		"	10.0		81.7	76-137				
1,2,4-Trimethylbenzene	8.90		"	10.0		89.0	82-132				
1,2-Dibromo-3-chloropropane	8.57		"	10.0		85.7	45-147				
1,2-Dibromoethane	9.20		"	10.0		92.0	83-124				
1,2-Dichlorobenzene	8.86		"	10.0		88.6	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	9.29		"	10.0		92.9	78-126				
1,3,5-Trimethylbenzene	8.82		"	10.0		88.2	80-131				
1,3-Dichlorobenzene	8.85		"	10.0		88.5	86-122				
1,3-Dichloropropane	9.12		"	10.0		91.2	81-125				
1,4-Dichlorobenzene	8.91		"	10.0		89.1	85-124				
1,4-Dioxane	159		"	210		75.7	10-349				
2,2-Dichloropropane	8.69		"	10.0		86.9	56-150				
2-Butanone	10.0		"	10.0		100	49-152				
2-Chlorotoluene	9.07		"	10.0		90.7	79-130				
2-Hexanone	7.53		"	10.0		75.3	51-146				
4-Chlorotoluene	8.92		"	10.0		89.2	79-128				
4-Methyl-2-pentanone	8.15		"	10.0		81.5	57-145				
Acetone	6.64		"	10.0		66.4	14-150				
Acrolein	9.80		"	10.0		98.0	10-153				
Acrylonitrile	9.30		"	10.0		93.0	51-150				
Benzene	10.9		"	10.0		109	85-126				
Bromobenzene	8.55		"	10.0		85.5	78-129				
Bromochloromethane	9.50		"	10.0		95.0	77-128				
Bromodichloromethane	9.16		"	10.0		91.6	79-128				
Bromoform	9.31		"	10.0		93.1	78-133				
Bromomethane	1.77		"	10.0		17.7	43-168	Low Bias			
Carbon disulfide	11.5		"	10.0		115	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	7.10		"	10.0		71.0	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.69		"	10.0		86.9	80-131				
Cyclohexane	10.2		"	10.0		102	63-149				
Dibromochloromethane	9.02		"	10.0		90.2	80-130				
Dibromomethane	9.10		"	10.0		91.0	72-134				
Dichlorodifluoromethane	9.76		"	10.0		97.6	44-144				

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 BD20775 - EPA 5030B											
LCS (BD20775-BS1)								Prepared & Analyzed: 04/13/2022			
Diisopropyl ether (DIPE)	9.16		ug/L	10.0		91.6	70-130				
Ethyl Benzene	9.63		"	10.0		96.3	80-131				
Ethyl tert-butyl ether (ETBE)	9.29		"	10.0		92.9	70-130				
Hexachlorobutadiene	8.01		"	10.0		80.1	67-146				
Iodomethane	1.26		"	10.0		12.6	70-130	Low Bias			
Isopropylbenzene	9.30		"	10.0		93.0	76-140				
Methyl acetate	7.83		"	10.0		78.3	51-139				
Methyl Methacrylate	8.87		"	10.0		88.7	72-132				
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	76-135				
Methylcyclohexane	9.08		"	10.0		90.8	72-143				
Methylene chloride	10.6		"	10.0		106	55-137				
Naphthalene	8.59		"	10.0		85.9	70-147				
n-Butylbenzene	9.06		"	10.0		90.6	79-132				
n-Propylbenzene	9.03		"	10.0		90.3	78-133				
o-Xylene	9.71		"	10.0		97.1	78-130				
p- & m- Xylenes	19.9		"	20.0		99.4	77-133				
p-Diethylbenzene	8.58		"	10.0		85.8	84-134				
p-Ethyltoluene	9.17		"	10.0		91.7	88-129				
p-Isopropyltoluene	8.99		"	10.0		89.9	81-136				
sec-Butylbenzene	9.00		"	10.0		90.0	79-137				
Styrene	9.09		"	10.0		90.9	67-132				
tert-Amyl alcohol (TAA)	103		"	100		103	70-130				
tert-Amyl methyl ether (TAME)	9.96		"	10.0		99.6	70-130				
tert-Butyl alcohol (TBA)	49.3		"	50.0		98.6	25-162				
tert-Butylbenzene	9.13		"	10.0		91.3	77-138				
Tetrachloroethylene	5.82		"	10.0		58.2	82-131	Low Bias			
Tetrahydrofuran	8.97		"	10.0		89.7	36-166				
Toluene	9.58		"	10.0		95.8	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	8.54		"	10.0		85.4	78-131				
trans-1,4-dichloro-2-butene	8.77		"	10.0		87.7	63-141				
Trichloroethylene	9.25		"	10.0		92.5	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl acetate	8.81		"	10.0		88.1	21-90				
Vinyl Chloride	9.83		"	10.0		98.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*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 BD20775 - EPA 5030B											
LCS Dup (BD20775-BSD1)								Prepared & Analyzed: 04/13/2022			
1,1,1,2-Tetrachloroethane	9.04		ug/L	10.0		90.4	82-126		2.51	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		3.54	30	
1,1,2,2-Tetrachloroethane	9.12		"	10.0		91.2	76-129		0.992	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		4.14	30	
1,1,2-Trichloroethane	9.23		"	10.0		92.3	82-123		2.19	30	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		3.47	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		4.26	30	
1,1-Dichloropropylene	9.93		"	10.0		99.3	83-133		5.01	30	
1,2,3-Trichlorobenzene	8.24		"	10.0		82.4	76-136		4.62	30	
1,2,3-Trichloropropane	8.98		"	10.0		89.8	77-128		0.335	30	
1,2,4,5-Tetramethylbenzene	8.17		"	10.0		81.7	85-140	Low Bias	2.54	30	
1,2,4-Trichlorobenzene	8.10		"	10.0		81.0	76-137		0.860	30	
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0	82-132		2.27	30	
1,2-Dibromo-3-chloropropane	8.59		"	10.0		85.9	45-147		0.233	30	
1,2-Dibromoethane	9.19		"	10.0		91.9	83-124		0.109	30	
1,2-Dichlorobenzene	8.74		"	10.0		87.4	79-123		1.36	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		0.663	30	
1,2-Dichloropropane	9.02		"	10.0		90.2	78-126		2.95	30	
1,3,5-Trimethylbenzene	8.59		"	10.0		85.9	80-131		2.64	30	
1,3-Dichlorobenzene	8.67		"	10.0		86.7	86-122		2.05	30	
1,3-Dichloropropane	9.05		"	10.0		90.5	81-125		0.770	30	
1,4-Dichlorobenzene	8.66		"	10.0		86.6	85-124		2.85	30	
1,4-Dioxane	156		"	210		74.4	10-349		1.74	30	
2,2-Dichloropropane	8.31		"	10.0		83.1	56-150		4.47	30	
2-Butanone	9.78		"	10.0		97.8	49-152		2.42	30	
2-Chlorotoluene	8.84		"	10.0		88.4	79-130		2.57	30	
2-Hexanone	7.60		"	10.0		76.0	51-146		0.925	30	
4-Chlorotoluene	8.74		"	10.0		87.4	79-128		2.04	30	
4-Methyl-2-pentanone	8.18		"	10.0		81.8	57-145		0.367	30	
Acetone	6.55		"	10.0		65.5	14-150		1.36	30	
Acrolein	10.2		"	10.0		102	10-153		4.10	30	
Acrylonitrile	9.26		"	10.0		92.6	51-150		0.431	30	
Benzene	10.5		"	10.0		105	85-126		3.36	30	
Bromobenzene	8.49		"	10.0		84.9	78-129		0.704	30	
Bromochloromethane	9.57		"	10.0		95.7	77-128		0.734	30	
Bromodichloromethane	8.99		"	10.0		89.9	79-128		1.87	30	
Bromoform	9.12		"	10.0		91.2	78-133		2.06	30	
Bromomethane	2.33		"	10.0		23.3	43-168	Low Bias	27.3	30	
Carbon disulfide	11.0		"	10.0		110	68-146		4.89	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		3.82	30	
Chlorobenzene	9.84		"	10.0		98.4	88-120		2.61	30	
Chloroethane	10.2		"	10.0		102	65-136		1.17	30	
Chloroform	10.4		"	10.0		104	82-128		2.48	30	
Chloromethane	6.98		"	10.0		69.8	43-155		1.70	30	
cis-1,2-Dichloroethylene	9.75		"	10.0		97.5	83-129		3.63	30	
cis-1,3-Dichloropropylene	8.57		"	10.0		85.7	80-131		1.39	30	
Cyclohexane	9.81		"	10.0		98.1	63-149		3.80	30	
Dibromochloromethane	9.03		"	10.0		90.3	80-130		0.111	30	
Dibromomethane	9.22		"	10.0		92.2	72-134		1.31	30	
Dichlorodifluoromethane	9.37		"	10.0		93.7	44-144		4.08	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 BD20775 - EPA 5030B											
LCS Dup (BD20775-BSD1)								Prepared & Analyzed: 04/13/2022			
Diisopropyl ether (DIPE)	8.98		ug/L	10.0		89.8	70-130		1.98	30	
Ethyl Benzene	9.39		"	10.0		93.9	80-131		2.52	30	
Ethyl tert-butyl ether (ETBE)	9.17		"	10.0		91.7	70-130		1.30	30	
Hexachlorobutadiene	7.71		"	10.0		77.1	67-146		3.82	30	
Iodomethane	1.17		"	10.0		11.7	70-130	Low Bias	7.41	30	
Isopropylbenzene	9.04		"	10.0		90.4	76-140		2.84	30	
Methyl acetate	7.78		"	10.0		77.8	51-139		0.641	30	
Methyl Methacrylate	9.01		"	10.0		90.1	72-132		1.57	30	
Methyl tert-butyl ether (MTBE)	9.91		"	10.0		99.1	76-135		0.804	30	
Methylcyclohexane	8.73		"	10.0		87.3	72-143		3.93	30	
Methylene chloride	11.2		"	10.0		112	55-137		4.78	30	
Naphthalene	8.50		"	10.0		85.0	70-147		1.05	30	
n-Butylbenzene	8.59		"	10.0		85.9	79-132		5.33	30	
n-Propylbenzene	8.73		"	10.0		87.3	78-133		3.38	30	
o-Xylene	9.40		"	10.0		94.0	78-130		3.24	30	
p- & m- Xylenes	19.2		"	20.0		96.0	77-133		3.48	30	
p-Diethylbenzene	8.33		"	10.0		83.3	84-134	Low Bias	2.96	30	
p-Ethyltoluene	8.90		"	10.0		89.0	88-129		2.99	30	
p-Isopropyltoluene	8.72		"	10.0		87.2	81-136		3.05	30	
sec-Butylbenzene	8.71		"	10.0		87.1	79-137		3.27	30	
Styrene	8.79		"	10.0		87.9	67-132		3.36	30	
tert-Amyl alcohol (TAA)	101		"	100		101	70-130		1.70	30	
tert-Amyl methyl ether (TAME)	9.88		"	10.0		98.8	70-130		0.806	30	
tert-Butyl alcohol (TBA)	48.5		"	50.0		97.1	25-162		1.57	30	
tert-Butylbenzene	8.87		"	10.0		88.7	77-138		2.89	30	
Tetrachloroethylene	5.57		"	10.0		55.7	82-131	Low Bias	4.39	30	
Tetrahydrofuran	9.07		"	10.0		90.7	36-166		1.11	30	
Toluene	9.32		"	10.0		93.2	80-127		2.75	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132		4.84	30	
trans-1,3-Dichloropropylene	8.44		"	10.0		84.4	78-131		1.18	30	
trans-1,4-dichloro-2-butene	8.51		"	10.0		85.1	63-141		3.01	30	
Trichloroethylene	8.94		"	10.0		89.4	82-128		3.41	30	
Trichlorofluoromethane	10.0		"	10.0		100	67-139		3.05	30	
Vinyl acetate	8.61		"	10.0		86.1	21-90		2.30	30	
Vinyl Chloride	9.54		"	10.0		95.4	58-145		2.99	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD20775 - EPA 5030B

Matrix Spike (BD20775-MS1) *Source sample: 22D0371-01 (Matrix Spike) Prepared: 04/13/2022 Analyzed: 04/14/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	0.00	106	45-161				
1,1,1-Trichloroethane	13.2		"	10.0	0.00	132	70-146				
1,1,2,2-Tetrachloroethane	10.5		"	10.0	0.00	105	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.5		"	10.0	0.00	145	21-217				
1,1,2-Trichloroethane	10.3		"	10.0	0.00	103	59-146				
1,1-Dichloroethane	12.4		"	10.0	0.00	124	54-146				
1,1-Dichloroethylene	13.8		"	10.0	0.00	138	44-165				
1,1-Dichloropropylene	12.5		"	10.0	0.00	125	82-134				
1,2,3-Trichlorobenzene	9.06		"	10.0	0.00	90.6	40-161				
1,2,3-Trichloropropane	10.4		"	10.0	0.00	104	74-127				
1,2,4,5-Tetramethylbenzene	9.52		"	10.0	0.00	95.2	27-190				
1,2,4-Trichlorobenzene	8.92		"	10.0	0.00	89.2	41-161				
1,2,4-Trimethylbenzene	10.2		"	10.0	0.00	102	72-129				
1,2-Dibromo-3-chloropropane	9.82		"	10.0	0.00	98.2	31-151				
1,2-Dibromoethane	10.6		"	10.0	0.00	106	75-125				
1,2-Dichlorobenzene	10.1		"	10.0	0.00	101	63-122				
1,2-Dichloroethane	12.4		"	10.0	0.00	124	68-131				
1,2-Dichloropropane	10.9		"	10.0	0.00	109	77-121				
1,3,5-Trimethylbenzene	10.1		"	10.0	0.00	101	69-126				
1,3-Dichlorobenzene	9.88		"	10.0	0.00	98.8	74-119				
1,3-Dichloropropane	10.5		"	10.0	0.00	105	77-119				
1,4-Dichlorobenzene	9.93		"	10.0	0.00	99.3	70-124				
1,4-Dioxane	199		"	210	0.00	94.6	10-310				
2,2-Dichloropropane	9.18		"	10.0	0.00	91.8	10-160				
2-Butanone	11.5		"	10.0	0.00	115	10-193				
2-Chlorotoluene	10.5		"	10.0	0.00	105	70-126				
2-Hexanone	8.79		"	10.0	0.00	87.9	53-133				
4-Chlorotoluene	10.2		"	10.0	0.00	102	69-124				
4-Methyl-2-pentanone	9.68		"	10.0	0.00	96.8	38-150				
Acetone	8.93		"	10.0	1.28	76.5	13-149				
Acrolein	12.6		"	10.0	0.00	126	10-195				
Acrylonitrile	10.5		"	10.0	0.00	105	37-165				
Benzene	12.8		"	10.0	0.00	128	38-155				
Bromobenzene	9.94		"	10.0	0.00	99.4	72-122				
Bromochloromethane	11.4		"	10.0	0.00	114	75-121				
Bromodichloromethane	10.7		"	10.0	0.00	107	70-129				
Bromoform	10.5		"	10.0	0.00	105	66-136				
Bromomethane	2.10		"	10.0	0.00	21.0	30-158	Low Bias			
Carbon disulfide	14.2		"	10.0	0.00	142	10-138	High Bias			
Carbon tetrachloride	13.7		"	10.0	0.00	137	71-146				
Chlorobenzene	11.6		"	10.0	0.00	116	81-117				
Chloroethane	13.6		"	10.0	0.00	136	51-145				
Chloroform	12.5		"	10.0	0.00	125	80-124	High Bias			
Chloromethane	10.1		"	10.0	0.00	101	16-163				
cis-1,2-Dichloroethylene	11.8		"	10.0	0.00	118	76-125				
cis-1,3-Dichloropropylene	9.97		"	10.0	0.00	99.7	58-131				
Cyclohexane	13.0		"	10.0	0.00	130	70-130				
Dibromochloromethane	10.4		"	10.0	0.00	104	71-129				
Dibromomethane	10.7		"	10.0	0.00	107	76-120				
Dichlorodifluoromethane	16.0		"	10.0	0.00	160	30-147	High Bias			

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 BD20775 - EPA 5030B											
Matrix Spike (BD20775-MS1)	*Source sample: 22D0371-01 (Matrix Spike)							Prepared: 04/13/2022 Analyzed: 04/14/2022			
Diisopropyl ether (DIPE)	11.8		ug/L	10.0	0.00	118	70-130				
Ethyl Benzene	11.2		"	10.0	0.00	112	72-128				
Ethyl tert-butyl ether (ETBE)	11.8		"	10.0	0.00	118	70-130				
Hexachlorobutadiene	8.23		"	10.0	0.00	82.3	34-166				
Iodomethane	1.93		"	10.0	0.00	19.3	70-130	Low Bias			
Isopropylbenzene	10.7		"	10.0	0.00	107	66-139				
Methyl acetate	8.97		"	10.0	0.00	89.7	10-200				
Methyl Methacrylate	10.3		"	10.0	0.00	103	68-124				
Methyl tert-butyl ether (MTBE)	21.8		"	10.0	9.31	125	75-128				
Methylcyclohexane	10.9		"	10.0	0.00	109	70-130				
Methylene chloride	9.93		"	10.0	0.230	97.0	57-128				
Naphthalene	9.47		"	10.0	0.00	94.7	39-158				
n-Butylbenzene	9.95		"	10.0	0.00	99.5	61-138				
n-Propylbenzene	10.3		"	10.0	0.00	103	66-134				
o-Xylene	11.2		"	10.0	0.00	112	69-126				
p- & m- Xylenes	22.8		"	20.0	0.00	114	67-130				
p-Diethylbenzene	9.63		"	10.0	0.00	96.3	52-150				
p-Ethyltoluene	10.6		"	10.0	0.00	106	76-127				
p-Isopropyltoluene	10.1		"	10.0	0.00	101	64-137				
sec-Butylbenzene	10.2		"	10.0	0.00	102	53-155				
Styrene	10.4		"	10.0	0.00	104	69-125				
tert-Amyl alcohol (TAA)	119		"	100	0.00	119	70-130				
tert-Amyl methyl ether (TAME)	12.4		"	10.0	0.00	124	70-130				
tert-Butyl alcohol (TBA)	61.2		"	50.0	0.00	122	10-130				
tert-Butylbenzene	10.5		"	10.0	0.00	105	65-139				
Tetrachloroethylene	6.70		"	10.0	0.00	67.0	64-139				
Tetrahydrofuran	10.1		"	10.0	0.220	99.0	10-188				
Toluene	11.2		"	10.0	0.00	112	76-123				
trans-1,2-Dichloroethylene	12.9		"	10.0	0.00	129	79-131				
trans-1,3-Dichloropropylene	9.67		"	10.0	0.00	96.7	55-130				
trans-1,4-dichloro-2-butene	9.98		"	10.0	0.00	99.8	25-155				
Trichloroethylene	10.8		"	10.0	0.00	108	53-145				
Trichlorofluoromethane	13.9		"	10.0	0.00	139	61-142				
Vinyl acetate	11.8		"	10.0	0.00	118	10-87	High Bias			
Vinyl Chloride	14.0		"	10.0	0.00	140	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.46*		*"*	*10.0*		*94.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD20775 - EPA 5030B

Matrix Spike Dup (BD20775-MSD1) *Source sample: 22D0371-01 (Matrix Spike Dup) Prepared: 04/13/2022 Analyzed: 04/14/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0	0.00	108	45-161		1.12	30	
1,1,1-Trichloroethane	13.2		"	10.0	0.00	132	70-146		0.0758	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0	0.00	104	74-121		0.191	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	15.2		"	10.0	0.00	152	21-217		4.58	30	
1,1,2-Trichloroethane	10.3		"	10.0	0.00	103	59-146		0.583	30	
1,1-Dichloroethane	12.5		"	10.0	0.00	125	54-146		0.644	30	
1,1-Dichloroethylene	13.8		"	10.0	0.00	138	44-165		0.290	30	
1,1-Dichloropropylene	12.6		"	10.0	0.00	126	82-134		0.878	30	
1,2,3-Trichlorobenzene	9.37		"	10.0	0.00	93.7	40-161		3.36	30	
1,2,3-Trichloropropane	10.3		"	10.0	0.00	103	74-127		0.581	30	
1,2,4,5-Tetramethylbenzene	9.71		"	10.0	0.00	97.1	27-190		1.98	30	
1,2,4-Trichlorobenzene	9.21		"	10.0	0.00	92.1	41-161		3.20	30	
1,2,4-Trimethylbenzene	10.2		"	10.0	0.00	102	72-129		0.980	30	
1,2-Dibromo-3-chloropropane	9.62		"	10.0	0.00	96.2	31-151		2.06	30	
1,2-Dibromoethane	10.7		"	10.0	0.00	107	75-125		1.04	30	
1,2-Dichlorobenzene	10.1		"	10.0	0.00	101	63-122		0.792	30	
1,2-Dichloroethane	12.3		"	10.0	0.00	123	68-131		0.324	30	
1,2-Dichloropropane	10.8		"	10.0	0.00	108	77-121		0.461	30	
1,3,5-Trimethylbenzene	10.2		"	10.0	0.00	102	69-126		1.38	30	
1,3-Dichlorobenzene	10.1		"	10.0	0.00	101	74-119		2.20	30	
1,3-Dichloropropane	10.5		"	10.0	0.00	105	77-119		0.190	30	
1,4-Dichlorobenzene	10.2		"	10.0	0.00	102	70-124		2.88	30	
1,4-Dioxane	189		"	210	0.00	89.9	10-310		5.08	30	
2,2-Dichloropropane	8.93		"	10.0	0.00	89.3	10-160		2.76	30	
2-Butanone	11.7		"	10.0	0.00	117	10-193		1.64	30	
2-Chlorotoluene	10.6		"	10.0	0.00	106	70-126		1.14	30	
2-Hexanone	8.85		"	10.0	0.00	88.5	53-133		0.680	30	
4-Chlorotoluene	10.4		"	10.0	0.00	104	69-124		1.36	30	
4-Methyl-2-pentanone	9.61		"	10.0	0.00	96.1	38-150		0.726	30	
Acetone	8.96		"	10.0	1.28	76.8	13-149		0.335	30	
Acrolein	12.7		"	10.0	0.00	127	10-195		1.03	30	
Acrylonitrile	11.4		"	10.0	0.00	114	37-165		8.76	30	
Benzene	12.8		"	10.0	0.00	128	38-155		0.234	30	
Bromobenzene	9.96		"	10.0	0.00	99.6	72-122		0.201	30	
Bromochloromethane	11.4		"	10.0	0.00	114	75-121		0.789	30	
Bromodichloromethane	10.6		"	10.0	0.00	106	70-129		0.376	30	
Bromoform	10.3		"	10.0	0.00	103	66-136		1.34	30	
Bromomethane	3.08		"	10.0	0.00	30.8	30-158		37.8	30	Non-dir.
Carbon disulfide	14.3		"	10.0	0.00	143	10-138	High Bias	0.771	30	
Carbon tetrachloride	13.7		"	10.0	0.00	137	71-146		0.0731	30	
Chlorobenzene	11.7		"	10.0	0.00	117	81-117		1.20	30	
Chloroethane	13.8		"	10.0	0.00	138	51-145		1.46	30	
Chloroform	12.5		"	10.0	0.00	125	80-124	High Bias	0.320	30	
Chloromethane	10.3		"	10.0	0.00	103	16-163		2.06	30	
cis-1,2-Dichloroethylene	11.7		"	10.0	0.00	117	76-125		0.340	30	
cis-1,3-Dichloropropylene	9.91		"	10.0	0.00	99.1	58-131		0.604	30	
Cyclohexane	13.1		"	10.0	0.00	131	70-130	High Bias	0.537	30	
Dibromochloromethane	10.4		"	10.0	0.00	104	71-129		0.192	30	
Dibromomethane	10.7		"	10.0	0.00	107	76-120		0.561	30	
Dichlorodifluoromethane	16.0		"	10.0	0.00	160	30-147	High Bias	0.125	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 BD20775 - EPA 5030B											
Matrix Spike Dup (BD20775-MSD1)	*Source sample: 22D0371-01 (Matrix Spike Dup)								Prepared: 04/13/2022 Analyzed: 04/14/2022		
Diisopropyl ether (DIPE)	11.7		ug/L	10.0	0.00	117	70-130		0.683	30	
Ethyl Benzene	11.3		"	10.0	0.00	113	72-128		1.07	30	
Ethyl tert-butyl ether (ETBE)	11.7		"	10.0	0.00	117	70-130		0.595	30	
Hexachlorobutadiene	8.66		"	10.0	0.00	86.6	34-166		5.09	30	
Iodomethane	2.28		"	10.0	0.00	22.8	70-130	Low Bias	16.6	30	
Isopropylbenzene	10.9		"	10.0	0.00	109	66-139		1.57	30	
Methyl acetate	8.70		"	10.0	0.00	87.0	10-200		3.06	30	
Methyl Methacrylate	10.0		"	10.0	0.00	100	68-124		2.37	30	
Methyl tert-butyl ether (MTBE)	21.7		"	10.0	9.31	124	75-128		0.735	30	
Methylcyclohexane	11.2		"	10.0	0.00	112	70-130		3.35	30	
Methylene chloride	10.0		"	10.0	0.230	97.9	57-128		0.902	30	
Naphthalene	9.63		"	10.0	0.00	96.3	39-158		1.68	30	
n-Butylbenzene	10.4		"	10.0	0.00	104	61-138		4.13	30	
n-Propylbenzene	10.5		"	10.0	0.00	105	66-134		2.12	30	
o-Xylene	11.2		"	10.0	0.00	112	69-126		0.446	30	
p- & m- Xylenes	23.0		"	20.0	0.00	115	67-130		0.872	30	
p-Diethylbenzene	9.96		"	10.0	0.00	99.6	52-150		3.37	30	
p-Ethyltoluene	10.8		"	10.0	0.00	108	76-127		2.62	30	
p-Isopropyltoluene	10.3		"	10.0	0.00	103	64-137		2.35	30	
sec-Butylbenzene	10.4		"	10.0	0.00	104	53-155		2.63	30	
Styrene	10.3		"	10.0	0.00	103	69-125		1.06	30	
tert-Amyl alcohol (TAA)	118		"	100	0.00	118	70-130		0.901	30	
tert-Amyl methyl ether (TAME)	12.4		"	10.0	0.00	124	70-130		0.403	30	
tert-Butyl alcohol (TBA)	61.3		"	50.0	0.00	123	10-130		0.131	30	
tert-Butylbenzene	10.6		"	10.0	0.00	106	65-139		0.853	30	
Tetrachloroethylene	6.90		"	10.0	0.00	69.0	64-139		2.94	30	
Tetrahydrofuran	10.2		"	10.0	0.220	99.3	10-188		0.296	30	
Toluene	11.2		"	10.0	0.00	112	76-123		0.179	30	
trans-1,2-Dichloroethylene	12.9		"	10.0	0.00	129	79-131		0.233	30	
trans-1,3-Dichloropropylene	9.70		"	10.0	0.00	97.0	55-130		0.310	30	
trans-1,4-dichloro-2-butene	10.1		"	10.0	0.00	101	25-155		1.49	30	
Trichloroethylene	11.0		"	10.0	0.00	110	53-145		1.75	30	
Trichlorofluoromethane	14.0		"	10.0	0.00	140	61-142		0.858	30	
Vinyl acetate	11.8		"	10.0	0.00	118	10-87	High Bias	0.169	30	
Vinyl Chloride	14.1		"	10.0	0.00	141	31-165		0.213	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*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 BD20814 - EPA 5035A											
Blank (BD20814-BLK1)											Prepared & Analyzed: 04/13/2022
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

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 BD20814 - EPA 5035A											
Blank (BD20814-BLK1)											Prepared & Analyzed: 04/13/2022
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.011	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.0*		*98.3*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*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 BD20814 - EPA 5035A											
Blank (BD20814-BLK2)											Prepared & Analyzed: 04/13/2022
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

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 BD20814 - EPA 5035A											
Blank (BD20814-BLK2)											Prepared & Analyzed: 04/13/2022
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.2	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*ug/L*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*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 BD20814 - EPA 5035A											
LCS (BD20814-BS1)								Prepared & Analyzed: 04/13/2022			
1,1,1,2-Tetrachloroethane	44.3		ug/L	50.0		88.6	75-129				
1,1,1-Trichloroethane	40.5		"	50.0		81.0	71-137				
1,1,2,2-Tetrachloroethane	47.5		"	50.0		95.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.4		"	50.0		86.8	58-146				
1,1,2-Trichloroethane	44.8		"	50.0		89.6	83-123				
1,1-Dichloroethane	39.2		"	50.0		78.5	75-130				
1,1-Dichloroethylene	39.0		"	50.0		78.0	64-137				
1,1-Dichloropropylene	38.5		"	50.0		77.0	77-127				
1,2,3-Trichlorobenzene	47.0		"	50.0		93.9	81-140				
1,2,3-Trichloropropane	47.8		"	50.0		95.7	81-126				
1,2,4,5-Tetramethylbenzene	43.2		"	50.0		86.5	63-156				
1,2,4-Trichlorobenzene	45.6		"	50.0		91.2	80-141				
1,2,4-Trimethylbenzene	46.3		"	50.0		92.7	84-125				
1,2-Dibromo-3-chloropropane	40.7		"	50.0		81.4	74-142				
1,2-Dibromoethane	48.4		"	50.0		96.7	86-123				
1,2-Dichlorobenzene	45.9		"	50.0		91.8	85-122				
1,2-Dichloroethane	41.6		"	50.0		83.1	71-133				
1,2-Dichloropropane	44.1		"	50.0		88.1	81-122				
1,3,5-Trimethylbenzene	46.1		"	50.0		92.3	82-126				
1,3-Dichlorobenzene	46.2		"	50.0		92.5	84-124				
1,3-Dichloropropane	44.2		"	50.0		88.4	83-123				
1,4-Dichlorobenzene	47.1		"	50.0		94.2	84-124				
1,4-Dioxane	1100		"	1050		105	10-228				
2,2-Dichloropropane	43.6		"	50.0		87.2	67-136				
2-Butanone	43.8		"	50.0		87.7	58-147				
2-Chloroethylvinyl ether	66.9		"	50.0		134	10-166				
2-Chlorotoluene	45.3		"	50.0		90.6	78-127				
2-Hexanone	42.0		"	50.0		84.0	70-139				
4-Chlorotoluene	46.2		"	50.0		92.5	79-125				
4-Methyl-2-pentanone	44.4		"	50.0		88.9	72-132				
Acetone	33.3		"	50.0		66.5	36-155				
Acrolein	36.4		"	50.0		72.7	10-238				
Acrylonitrile	45.2		"	50.0		90.4	66-141				
Benzene	41.3		"	50.0		82.6	77-127				
Bromobenzene	42.7		"	50.0		85.4	77-129				
Bromochloromethane	40.3		"	50.0		80.7	74-129				
Bromodichloromethane	43.3		"	50.0		86.7	81-124				
Bromoform	39.5		"	50.0		79.0	80-136	Low Bias			
Bromomethane	49.9		"	50.0		99.7	32-177				
Carbon disulfide	42.4		"	50.0		84.9	10-136				
Carbon tetrachloride	41.6		"	50.0		83.1	66-143				
Chlorobenzene	45.8		"	50.0		91.6	86-120				
Chloroethane	46.5		"	50.0		93.0	51-142				
Chloroform	40.6		"	50.0		81.2	76-131				
Chloromethane	48.0		"	50.0		96.1	49-132				
cis-1,2-Dichloroethylene	39.7		"	50.0		79.4	74-132				
cis-1,3-Dichloropropylene	40.3		"	50.0		80.6	81-129	Low Bias			
Cyclohexane	41.0		"	50.0		82.1	70-130				
Dibromochloromethane	38.8		"	50.0		77.5	10-200				
Dibromomethane	43.8		"	50.0		87.6	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 BD20814 - EPA 5035A											
LCS (BD20814-BS1)								Prepared & Analyzed: 04/13/2022			
Dichlorodifluoromethane	64.6		ug/L	50.0		129	28-158				
Diisopropyl ether (DIPE)	42.8		"	50.0		85.5	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	45.6		ug/L	50.0		91.1	84-125				
Ethyl tert-butyl ether (ETBE)	43.1		"	50.0		86.2	70-130				
Hexachlorobutadiene	47.2		"	50.0		94.3	83-133				
Iodomethane	42.8		"	50.0		85.5	70-130				
Isopropylbenzene	47.2		"	50.0		94.4	81-127				
Methyl acetate	41.4		"	50.0		82.8	41-143				
Methyl Methacrylate	47.7		"	50.0		95.4	79-125				
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.7	74-131				
Methylcyclohexane	44.4		"	50.0		88.8	70-130				
Methylene chloride	51.2		"	50.0		102	57-141				
Naphthalene	43.1		"	50.0		86.2	86-141				
n-Butylbenzene	47.2		"	50.0		94.4	80-130				
n-Propylbenzene	46.1		"	50.0		92.2	74-136				
o-Xylene	47.5		"	50.0		94.9	83-123				
p- & m- Xylenes	94.4		"	100		94.4	82-128				
p-Diethylbenzene	48.6		"	50.0		97.1	70-144				
p-Ethyltoluene	47.2		"	50.0		94.5	84-123				
p-Isopropyltoluene	48.0		"	50.0		96.0	85-125				
sec-Butylbenzene	47.3		"	50.0		94.5	83-125				
Styrene	45.9		"	50.0		91.8	86-126				
tert-Amyl alcohol (TAA)	452		"	500		90.4	70-130				
tert-Amyl methyl ether (TAME)	46.7		"	50.0		93.4	70-130				
tert-Butyl alcohol (TBA)	248		"	250		99.4	70-130				
tert-Butylbenzene	47.0		"	50.0		93.9	80-127				
Tetrachloroethylene	35.9		"	50.0		71.8	80-129	Low Bias			
Tetrahydrofuran	45.8		"	50.0		91.5	64-137				
Toluene	43.7		"	50.0		87.5	85-121				
trans-1,2-Dichloroethylene	39.4		"	50.0		78.8	72-132				
trans-1,3-Dichloropropylene	40.0		"	50.0		80.1	78-132				
trans-1,4-dichloro-2-butene	47.1		"	50.0		94.1	75-135				
Trichloroethylene	43.2		"	50.0		86.4	84-123				
Trichlorofluoromethane	45.5		"	50.0		91.1	62-140				
Vinyl acetate	40.5		"	50.0		81.0	67-136				
Vinyl Chloride	49.1		"	50.0		98.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.1*	*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 BD20814 - EPA 5035A											
LCS Dup (BD20814-BSD1)								Prepared & Analyzed: 04/13/2022			
1,1,1,2-Tetrachloroethane	46.6		ug/L	50.0		93.2	75-129		5.02	30	
1,1,1-Trichloroethane	43.2		"	50.0		86.5	71-137		6.54	30	
1,1,2,2-Tetrachloroethane	47.4		"	50.0		94.9	79-129		0.0843	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.3		"	50.0		92.5	58-146		6.38	30	
1,1,2-Trichloroethane	45.2		"	50.0		90.4	83-123		0.911	30	
1,1-Dichloroethane	41.3		"	50.0		82.5	75-130		5.02	30	
1,1-Dichloroethylene	42.0		"	50.0		84.0	64-137		7.33	30	
1,1-Dichloropropylene	41.2		"	50.0		82.3	77-127		6.65	30	
1,2,3-Trichlorobenzene	48.0		"	50.0		96.0	81-140		2.23	30	
1,2,3-Trichloropropane	48.5		"	50.0		97.0	81-126		1.39	30	
1,2,4,5-Tetramethylbenzene	45.2		"	50.0		90.5	63-156		4.50	30	
1,2,4-Trichlorobenzene	46.6		"	50.0		93.3	80-141		2.25	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.8	84-125		5.34	30	
1,2-Dibromo-3-chloropropane	39.9		"	50.0		79.7	74-142		2.11	30	
1,2-Dibromoethane	48.7		"	50.0		97.4	86-123		0.742	30	
1,2-Dichlorobenzene	47.6		"	50.0		95.1	85-122		3.60	30	
1,2-Dichloroethane	42.4		"	50.0		84.7	71-133		1.88	30	
1,2-Dichloropropane	45.7		"	50.0		91.3	81-122		3.57	30	
1,3,5-Trimethylbenzene	48.6		"	50.0		97.2	82-126		5.24	30	
1,3-Dichlorobenzene	48.0		"	50.0		96.0	84-124		3.76	30	
1,3-Dichloropropane	44.9		"	50.0		89.8	83-123		1.50	30	
1,4-Dichlorobenzene	48.8		"	50.0		97.5	84-124		3.48	30	
1,4-Dioxane	1120		"	1050		107	10-228		2.08	30	
2,2-Dichloropropane	46.2		"	50.0		92.4	67-136		5.72	30	
2-Butanone	44.5		"	50.0		89.0	58-147		1.52	30	
2-Chloroethylvinyl ether	67.9		"	50.0		136	10-166		1.39	30	
2-Chlorotoluene	47.8		"	50.0		95.6	78-127		5.41	30	
2-Hexanone	40.7		"	50.0		81.5	70-139		3.09	30	
4-Chlorotoluene	48.3		"	50.0		96.7	79-125		4.42	30	
4-Methyl-2-pentanone	44.1		"	50.0		88.1	72-132		0.859	30	
Acetone	31.4		"	50.0		62.7	36-155		5.88	30	
Acrolein	35.2		"	50.0		70.4	10-238		3.19	30	
Acrylonitrile	45.4		"	50.0		90.7	66-141		0.398	30	
Benzene	43.4		"	50.0		86.9	77-127		5.05	30	
Bromobenzene	44.2		"	50.0		88.5	77-129		3.61	30	
Bromochloromethane	41.1		"	50.0		82.3	74-129		1.96	30	
Bromodichloromethane	44.9		"	50.0		89.8	81-124		3.51	30	
Bromoform	41.1		"	50.0		82.2	80-136		3.90	30	
Bromomethane	53.8		"	50.0		108	32-177		7.56	30	
Carbon disulfide	44.7		"	50.0		89.5	10-136		5.25	30	
Carbon tetrachloride	43.8		"	50.0		87.6	66-143		5.25	30	
Chlorobenzene	48.0		"	50.0		96.1	86-120		4.75	30	
Chloroethane	49.9		"	50.0		99.7	51-142		7.00	30	
Chloroform	42.4		"	50.0		84.9	76-131		4.43	30	
Chloromethane	51.6		"	50.0		103	49-132		7.15	30	
cis-1,2-Dichloroethylene	42.1		"	50.0		84.2	74-132		5.92	30	
cis-1,3-Dichloropropylene	42.3		"	50.0		84.6	81-129		4.84	30	
Cyclohexane	43.8		"	50.0		87.6	70-130		6.44	30	
Dibromochloromethane	39.9		"	50.0		79.8	10-200		2.95	30	
Dibromomethane	44.9		"	50.0		89.8	83-124		2.43	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 BD20814 - EPA 5035A											
LCS Dup (BD20814-BSD1)								Prepared & Analyzed: 04/13/2022			
Dichlorodifluoromethane	68.8		ug/L	50.0		138	28-158		6.36	30	
Diisopropyl ether (DIPE)	44.7		"	50.0		89.5	70-130		4.53	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	48.2		ug/L	50.0		96.4	84-125		5.67	30	
Ethyl tert-butyl ether (ETBE)	44.1		"	50.0		88.3	70-130		2.41	30	
Hexachlorobutadiene	49.5		"	50.0		98.9	83-133		4.76	30	
Iodomethane	45.9		"	50.0		91.7	70-130		7.02	30	
Isopropylbenzene	50.0		"	50.0		100	81-127		5.86	30	
Methyl acetate	41.0		"	50.0		81.9	41-143		1.12	30	
Methyl Methacrylate	47.6		"	50.0		95.2	79-125		0.210	30	
Methyl tert-butyl ether (MTBE)	47.0		"	50.0		94.1	74-131		1.48	30	
Methylcyclohexane	46.9		"	50.0		93.8	70-130		5.54	30	
Methylene chloride	52.9		"	50.0		106	57-141		3.15	30	
Naphthalene	43.2		"	50.0		86.4	86-141		0.162	30	
n-Butylbenzene	49.7		"	50.0		99.4	80-130		5.16	30	
n-Propylbenzene	48.5		"	50.0		97.1	74-136		5.13	30	
o-Xylene	49.9		"	50.0		99.7	83-123		4.95	30	
p- & m- Xylenes	99.5		"	100		99.5	82-128		5.32	30	
p-Diethylbenzene	50.7		"	50.0		101	70-144		4.29	30	
p-Ethyltoluene	49.8		"	50.0		99.6	84-123		5.21	30	
p-Isopropyltoluene	50.5		"	50.0		101	85-125		5.16	30	
sec-Butylbenzene	49.9		"	50.0		99.8	83-125		5.39	30	
Styrene	47.9		"	50.0		95.8	86-126		4.27	30	
tert-Amyl alcohol (TAA)	457		"	500		91.4	70-130		1.11	30	
tert-Amyl methyl ether (TAME)	47.8		"	50.0		95.6	70-130		2.33	30	
tert-Butyl alcohol (TBA)	251		"	250		100	70-130		0.906	30	
tert-Butylbenzene	50.1		"	50.0		100	80-127		6.47	30	
Tetrachloroethylene	38.3		"	50.0		76.5	80-129	Low Bias	6.45	30	
Tetrahydrofuran	44.9		"	50.0		89.7	64-137		1.94	30	
Toluene	46.4		"	50.0		92.7	85-121		5.84	30	
trans-1,2-Dichloroethylene	41.8		"	50.0		83.6	72-132		5.86	30	
trans-1,3-Dichloropropylene	40.6		"	50.0		81.3	78-132		1.46	30	
trans-1,4-dichloro-2-butene	47.7		"	50.0		95.3	75-135		1.29	30	
Trichloroethylene	45.6		"	50.0		91.1	84-123		5.27	30	
Trichlorofluoromethane	48.7		"	50.0		97.4	62-140		6.71	30	
Vinyl acetate	42.7		"	50.0		85.5	67-136		5.38	30	
Vinyl Chloride	53.0		"	50.0		106	52-130		7.57	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*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 BD20856 - EPA 5035A											
Blank (BD20856-BLK1)											Prepared & Analyzed: 04/14/2022
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

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 BD20856 - EPA 5035A											
Blank (BD20856-BLK1)											Prepared & Analyzed: 04/14/2022
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*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 BD20856 - EPA 5035A											
Blank (BD20856-BLK2)											Prepared & Analyzed: 04/14/2022
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

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 BD20856 - EPA 5035A											
Blank (BD20856-BLK2)											Prepared & Analyzed: 04/14/2022
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.1	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.9*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*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 BD20856 - EPA 5035A											
LCS (BD20856-BS1)								Prepared & Analyzed: 04/14/2022			
1,1,1,2-Tetrachloroethane	45.2		ug/L	50.0		90.3	75-129				
1,1,1-Trichloroethane	41.7		"	50.0		83.3	71-137				
1,1,2,2-Tetrachloroethane	44.3		"	50.0		88.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.5		"	50.0		87.1	58-146				
1,1,2-Trichloroethane	43.7		"	50.0		87.4	83-123				
1,1-Dichloroethane	38.8		"	50.0		77.5	75-130				
1,1-Dichloroethylene	39.4		"	50.0		78.7	64-137				
1,1-Dichloropropylene	38.2		"	50.0		76.3	77-127	Low Bias			
1,2,3-Trichlorobenzene	45.0		"	50.0		90.0	81-140				
1,2,3-Trichloropropane	47.2		"	50.0		94.5	81-126				
1,2,4,5-Tetramethylbenzene	42.3		"	50.0		84.5	63-156				
1,2,4-Trichlorobenzene	43.4		"	50.0		86.8	80-141				
1,2,4-Trimethylbenzene	46.4		"	50.0		92.8	84-125				
1,2-Dibromo-3-chloropropane	38.0		"	50.0		76.0	74-142				
1,2-Dibromoethane	46.2		"	50.0		92.3	86-123				
1,2-Dichlorobenzene	45.9		"	50.0		91.8	85-122				
1,2-Dichloroethane	43.0		"	50.0		86.0	71-133				
1,2-Dichloropropane	42.2		"	50.0		84.4	81-122				
1,3,5-Trimethylbenzene	45.7		"	50.0		91.4	82-126				
1,3-Dichlorobenzene	46.0		"	50.0		92.0	84-124				
1,3-Dichloropropane	43.2		"	50.0		86.5	83-123				
1,4-Dichlorobenzene	46.8		"	50.0		93.6	84-124				
1,4-Dioxane	1000		"	1050		95.4	10-228				
2,2-Dichloropropane	43.5		"	50.0		86.9	67-136				
2-Butanone	40.4		"	50.0		80.8	58-147				
2-Chloroethylvinyl ether	60.2		"	50.0		120	10-166				
2-Chlorotoluene	45.2		"	50.0		90.3	78-127				
2-Hexanone	36.8		"	50.0		73.5	70-139				
4-Chlorotoluene	46.3		"	50.0		92.7	79-125				
4-Methyl-2-pentanone	40.1		"	50.0		80.1	72-132				
Acetone	31.2		"	50.0		62.3	36-155				
Acrolein	33.8		"	50.0		67.5	10-238				
Acrylonitrile	40.2		"	50.0		80.5	66-141				
Benzene	40.1		"	50.0		80.3	77-127				
Bromobenzene	41.9		"	50.0		83.8	77-129				
Bromochloromethane	39.4		"	50.0		78.8	74-129				
Bromodichloromethane	44.2		"	50.0		88.4	81-124				
Bromoform	39.2		"	50.0		78.3	80-136	Low Bias			
Bromomethane	52.4		"	50.0		105	32-177				
Carbon disulfide	41.0		"	50.0		82.1	10-136				
Carbon tetrachloride	43.1		"	50.0		86.3	66-143				
Chlorobenzene	45.6		"	50.0		91.2	86-120				
Chloroethane	47.4		"	50.0		94.8	51-142				
Chloroform	41.7		"	50.0		83.4	76-131				
Chloromethane	45.6		"	50.0		91.2	49-132				
cis-1,2-Dichloroethylene	39.8		"	50.0		79.5	74-132				
cis-1,3-Dichloropropylene	39.3		"	50.0		78.7	81-129	Low Bias			
Cyclohexane	39.0		"	50.0		78.0	70-130				
Dibromochloromethane	38.9		"	50.0		77.8	10-200				
Dibromomethane	43.8		"	50.0		87.5	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 BD20856 - EPA 5035A											
LCS (BD20856-BS1)								Prepared & Analyzed: 04/14/2022			
Dichlorodifluoromethane	65.5		ug/L	50.0		131	28-158				
Diisopropyl ether (DIPE)	41.1		"	50.0		82.1	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	45.2		ug/L	50.0		90.5	84-125				
Ethyl tert-butyl ether (ETBE)	40.7		"	50.0		81.4	70-130				
Hexachlorobutadiene	44.7		"	50.0		89.4	83-133				
Iodomethane	41.1		"	50.0		82.1	70-130				
Isopropylbenzene	45.8		"	50.0		91.6	81-127				
Methyl acetate	38.7		"	50.0		77.4	41-143				
Methyl Methacrylate	44.1		"	50.0		88.2	79-125				
Methyl tert-butyl ether (MTBE)	44.4		"	50.0		88.7	74-131				
Methylcyclohexane	41.4		"	50.0		82.7	70-130				
Methylene chloride	41.6		"	50.0		83.3	57-141				
Naphthalene	39.8		"	50.0		79.6	86-141	Low Bias			
n-Butylbenzene	47.0		"	50.0		93.9	80-130				
n-Propylbenzene	44.9		"	50.0		89.9	74-136				
o-Xylene	47.0		"	50.0		93.9	83-123				
p- & m- Xylenes	94.6		"	100		94.6	82-128				
p-Diethylbenzene	47.9		"	50.0		95.7	70-144				
p-Ethyltoluene	46.6		"	50.0		93.2	84-123				
p-Isopropyltoluene	47.2		"	50.0		94.5	85-125				
sec-Butylbenzene	45.7		"	50.0		91.4	83-125				
Styrene	45.4		"	50.0		90.7	86-126				
tert-Amyl alcohol (TAA)	380		"	500		75.9	70-130				
tert-Amyl methyl ether (TAME)	43.1		"	50.0		86.2	70-130				
tert-Butyl alcohol (TBA)	203		"	250		81.3	70-130				
tert-Butylbenzene	45.5		"	50.0		91.1	80-127				
Tetrachloroethylene	35.6		"	50.0		71.3	80-129	Low Bias			
Tetrahydrofuran	40.9		"	50.0		81.7	64-137				
Toluene	43.2		"	50.0		86.4	85-121				
trans-1,2-Dichloroethylene	39.3		"	50.0		78.7	72-132				
trans-1,3-Dichloropropylene	39.2		"	50.0		78.3	78-132				
trans-1,4-dichloro-2-butene	44.4		"	50.0		88.7	75-135				
Trichloroethylene	42.2		"	50.0		84.4	84-123				
Trichlorofluoromethane	49.5		"	50.0		99.1	62-140				
Vinyl acetate	40.4		"	50.0		80.9	67-136				
Vinyl Chloride	48.0		"	50.0		95.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*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 BD20856 - EPA 5035A											
LCS Dup (BD20856-BSD1)								Prepared & Analyzed: 04/14/2022			
1,1,1,2-Tetrachloroethane	46.8		ug/L	50.0		93.7	75-129		3.63	30	
1,1,1-Trichloroethane	44.2		"	50.0		88.3	71-137		5.83	30	
1,1,2,2-Tetrachloroethane	46.2		"	50.0		92.4	79-129		4.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.3		"	50.0		90.7	58-146		4.07	30	
1,1,2-Trichloroethane	45.1		"	50.0		90.2	83-123		3.09	30	
1,1-Dichloroethane	41.0		"	50.0		82.1	75-130		5.71	30	
1,1-Dichloroethylene	42.3		"	50.0		84.6	64-137		7.25	30	
1,1-Dichloropropylene	40.6		"	50.0		81.1	77-127		6.10	30	
1,2,3-Trichlorobenzene	47.5		"	50.0		95.1	81-140		5.47	30	
1,2,3-Trichloropropane	48.3		"	50.0		96.5	81-126		2.11	30	
1,2,4,5-Tetramethylbenzene	44.3		"	50.0		88.6	63-156		4.73	30	
1,2,4-Trichlorobenzene	46.0		"	50.0		92.1	80-141		5.97	30	
1,2,4-Trimethylbenzene	48.2		"	50.0		96.4	84-125		3.81	30	
1,2-Dibromo-3-chloropropane	39.5		"	50.0		79.0	74-142		3.87	30	
1,2-Dibromoethane	47.8		"	50.0		95.6	86-123		3.55	30	
1,2-Dichlorobenzene	47.4		"	50.0		94.9	85-122		3.26	30	
1,2-Dichloroethane	45.1		"	50.0		90.2	71-133		4.70	30	
1,2-Dichloropropane	44.2		"	50.0		88.3	81-122		4.56	30	
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126		3.25	30	
1,3-Dichlorobenzene	48.1		"	50.0		96.1	84-124		4.40	30	
1,3-Dichloropropane	44.8		"	50.0		89.6	83-123		3.52	30	
1,4-Dichlorobenzene	48.6		"	50.0		97.2	84-124		3.86	30	
1,4-Dioxane	1040		"	1050		99.2	10-228		3.96	30	
2,2-Dichloropropane	45.9		"	50.0		91.8	67-136		5.42	30	
2-Butanone	45.1		"	50.0		90.3	58-147		11.0	30	
2-Chloroethylvinyl ether	63.4		"	50.0		127	10-166		5.06	30	
2-Chlorotoluene	47.0		"	50.0		93.9	78-127		3.91	30	
2-Hexanone	40.0		"	50.0		80.1	70-139		8.51	30	
4-Chlorotoluene	48.1		"	50.0		96.2	79-125		3.75	30	
4-Methyl-2-pentanone	42.3		"	50.0		84.5	72-132		5.34	30	
Acetone	32.9		"	50.0		65.8	36-155		5.37	30	
Acrolein	35.8		"	50.0		71.7	10-238		6.01	30	
Acrylonitrile	42.2		"	50.0		84.4	66-141		4.73	30	
Benzene	42.2		"	50.0		84.5	77-127		5.10	30	
Bromobenzene	43.7		"	50.0		87.4	77-129		4.21	30	
Bromochloromethane	41.1		"	50.0		82.3	74-129		4.27	30	
Bromodichloromethane	46.0		"	50.0		91.9	81-124		3.88	30	
Bromoform	41.3		"	50.0		82.5	80-136		5.25	30	
Bromomethane	54.3		"	50.0		109	32-177		3.69	30	
Carbon disulfide	44.3		"	50.0		88.5	10-136		7.53	30	
Carbon tetrachloride	45.7		"	50.0		91.3	66-143		5.72	30	
Chlorobenzene	48.0		"	50.0		95.9	86-120		5.07	30	
Chloroethane	50.3		"	50.0		101	51-142		5.94	30	
Chloroform	43.6		"	50.0		87.2	76-131		4.50	30	
Chloromethane	48.7		"	50.0		97.4	49-132		6.64	30	
cis-1,2-Dichloroethylene	42.1		"	50.0		84.2	74-132		5.64	30	
cis-1,3-Dichloropropylene	41.1		"	50.0		82.3	81-129		4.47	30	
Cyclohexane	41.6		"	50.0		83.3	70-130		6.55	30	
Dibromochloromethane	41.2		"	50.0		82.3	10-200		5.57	30	
Dibromomethane	45.4		"	50.0		90.9	83-124		3.79	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 BD20856 - EPA 5035A											
LCS Dup (BD20856-BSD1)								Prepared & Analyzed: 04/14/2022			
Dichlorodifluoromethane	68.4		ug/L	50.0		137	28-158		4.38	30	
Diisopropyl ether (DIPE)	43.0		"	50.0		85.9	70-130		4.48	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	47.6		ug/L	50.0		95.2	84-125		5.09	30	
Ethyl tert-butyl ether (ETBE)	42.8		"	50.0		85.6	70-130		5.08	30	
Hexachlorobutadiene	46.8		"	50.0		93.6	83-133		4.68	30	
Iodomethane	43.4		"	50.0		86.8	70-130		5.54	30	
Isopropylbenzene	47.8		"	50.0		95.6	81-127		4.30	30	
Methyl acetate	39.9		"	50.0		79.8	41-143		3.10	30	
Methyl Methacrylate	45.8		"	50.0		91.7	79-125		3.89	30	
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.8	74-131		4.52	30	
Methylcyclohexane	44.2		"	50.0		88.4	70-130		6.68	30	
Methylene chloride	43.1		"	50.0		86.2	57-141		3.42	30	
Naphthalene	42.2		"	50.0		84.4	86-141	Low Bias	5.88	30	
n-Butylbenzene	48.9		"	50.0		97.7	80-130		4.01	30	
n-Propylbenzene	46.7		"	50.0		93.4	74-136		3.84	30	
o-Xylene	49.3		"	50.0		98.7	83-123		4.92	30	
p- & m- Xylenes	99.0		"	100		99.0	82-128		4.61	30	
p-Diethylbenzene	49.9		"	50.0		99.8	70-144		4.19	30	
p-Ethyltoluene	48.7		"	50.0		97.4	84-123		4.41	30	
p-Isopropyltoluene	48.9		"	50.0		97.9	85-125		3.51	30	
sec-Butylbenzene	47.2		"	50.0		94.4	83-125		3.32	30	
Styrene	47.4		"	50.0		94.9	86-126		4.50	30	
tert-Amyl alcohol (TAA)	412		"	500		82.4	70-130		8.20	30	
tert-Amyl methyl ether (TAME)	45.4		"	50.0		90.7	70-130		5.04	30	
tert-Butyl alcohol (TBA)	222		"	250		88.8	70-130		8.79	30	
tert-Butylbenzene	47.3		"	50.0		94.7	80-127		3.88	30	
Tetrachloroethylene	37.2		"	50.0		74.4	80-129	Low Bias	4.28	30	
Tetrahydrofuran	44.4		"	50.0		88.8	64-137		8.26	30	
Toluene	45.1		"	50.0		90.2	85-121		4.31	30	
trans-1,2-Dichloroethylene	41.7		"	50.0		83.5	72-132		5.92	30	
trans-1,3-Dichloropropylene	41.2		"	50.0		82.3	78-132		4.98	30	
trans-1,4-dichloro-2-butene	46.1		"	50.0		92.2	75-135		3.80	30	
Trichloroethylene	44.8		"	50.0		89.7	84-123		6.04	30	
Trichlorofluoromethane	51.5		"	50.0		103	62-140		3.90	30	
Vinyl acetate	42.2		"	50.0		84.4	67-136		4.31	30	
Vinyl Chloride	51.1		"	50.0		102	52-130		6.44	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.7*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.3*	*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 BD20937 - EPA 5035A											
Blank (BD20937-BLK1)											Prepared & Analyzed: 04/15/2022
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

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 BD20937 - EPA 5035A											
Blank (BD20937-BLK1)											Prepared & Analyzed: 04/15/2022
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.5*	*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 BD20937 - EPA 5035A											
Blank (BD20937-BLK2)											Prepared & Analyzed: 04/15/2022
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

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 BD20937 - EPA 5035A											
Blank (BD20937-BLK2)											Prepared & Analyzed: 04/15/2022
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*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 BD20937 - EPA 5035A											
LCS (BD20937-BS1)								Prepared & Analyzed: 04/15/2022			
1,1,1,2-Tetrachloroethane	45.5		ug/L	50.0		91.1	75-129				
1,1,1-Trichloroethane	42.4		"	50.0		84.8	71-137				
1,1,2,2-Tetrachloroethane	44.1		"	50.0		88.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.8		"	50.0		87.6	58-146				
1,1,2-Trichloroethane	42.7		"	50.0		85.5	83-123				
1,1-Dichloroethane	40.2		"	50.0		80.5	75-130				
1,1-Dichloroethylene	40.4		"	50.0		80.8	64-137				
1,1-Dichloropropylene	38.9		"	50.0		77.8	77-127				
1,2,3-Trichlorobenzene	46.2		"	50.0		92.3	81-140				
1,2,3-Trichloropropane	45.6		"	50.0		91.2	81-126				
1,2,4,5-Tetramethylbenzene	43.7		"	50.0		87.3	63-156				
1,2,4-Trichlorobenzene	45.3		"	50.0		90.5	80-141				
1,2,4-Trimethylbenzene	47.4		"	50.0		94.9	84-125				
1,2-Dibromo-3-chloropropane	37.0		"	50.0		74.0	74-142				
1,2-Dibromoethane	45.4		"	50.0		90.9	86-123				
1,2-Dichlorobenzene	46.2		"	50.0		92.5	85-122				
1,2-Dichloroethane	42.1		"	50.0		84.2	71-133				
1,2-Dichloropropane	43.5		"	50.0		87.0	81-122				
1,3,5-Trimethylbenzene	46.3		"	50.0		92.6	82-126				
1,3-Dichlorobenzene	46.8		"	50.0		93.6	84-124				
1,3-Dichloropropane	42.7		"	50.0		85.5	83-123				
1,4-Dichlorobenzene	47.6		"	50.0		95.2	84-124				
1,4-Dioxane	952		"	1050		90.7	10-228				
2,2-Dichloropropane	44.8		"	50.0		89.7	67-136				
2-Butanone	38.3		"	50.0		76.6	58-147				
2-Chloroethylvinyl ether	61.2		"	50.0		122	10-166				
2-Chlorotoluene	46.2		"	50.0		92.3	78-127				
2-Hexanone	36.5		"	50.0		73.0	70-139				
4-Chlorotoluene	47.1		"	50.0		94.2	79-125				
4-Methyl-2-pentanone	38.6		"	50.0		77.2	72-132				
Acetone	30.1		"	50.0		60.2	36-155				
Acrolein	25.3		"	50.0		50.6	10-238				
Acrylonitrile	38.9		"	50.0		77.7	66-141				
Benzene	41.7		"	50.0		83.5	77-127				
Bromobenzene	43.1		"	50.0		86.3	77-129				
Bromochloromethane	40.4		"	50.0		80.7	74-129				
Bromodichloromethane	44.4		"	50.0		88.8	81-124				
Bromoform	38.5		"	50.0		77.0	80-136	Low Bias			
Bromomethane	51.5		"	50.0		103	32-177				
Carbon disulfide	43.3		"	50.0		86.6	10-136				
Carbon tetrachloride	43.3		"	50.0		86.6	66-143				
Chlorobenzene	46.4		"	50.0		92.8	86-120				
Chloroethane	48.7		"	50.0		97.4	51-142				
Chloroform	42.0		"	50.0		83.9	76-131				
Chloromethane	47.9		"	50.0		95.9	49-132				
cis-1,2-Dichloroethylene	41.0		"	50.0		82.0	74-132				
cis-1,3-Dichloropropylene	40.3		"	50.0		80.6	81-129	Low Bias			
Cyclohexane	40.4		"	50.0		80.8	70-130				
Dibromochloromethane	39.2		"	50.0		78.5	10-200				
Dibromomethane	42.7		"	50.0		85.4	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 BD20937 - EPA 5035A											
LCS (BD20937-BS1)								Prepared & Analyzed: 04/15/2022			
Dichlorodifluoromethane	59.0		ug/L	50.0		118	28-158				
Diisopropyl ether (DIPE)	42.8		"	50.0		85.5	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	46.2		ug/L	50.0		92.4	84-125				
Ethyl tert-butyl ether (ETBE)	41.8		"	50.0		83.7	70-130				
Hexachlorobutadiene	45.7		"	50.0		91.4	83-133				
Iodomethane	43.6		"	50.0		87.1	70-130				
Isopropylbenzene	47.1		"	50.0		94.2	81-127				
Methyl acetate	36.8		"	50.0		73.6	41-143				
Methyl Methacrylate	43.1		"	50.0		86.1	79-125				
Methyl tert-butyl ether (MTBE)	44.5		"	50.0		89.0	74-131				
Methylcyclohexane	43.1		"	50.0		86.2	70-130				
Methylene chloride	40.9		"	50.0		81.8	57-141				
Naphthalene	40.0		"	50.0		79.9	86-141	Low Bias			
n-Butylbenzene	47.6		"	50.0		95.1	80-130				
n-Propylbenzene	46.3		"	50.0		92.6	74-136				
o-Xylene	48.0		"	50.0		96.1	83-123				
p- & m- Xylenes	96.3		"	100		96.3	82-128				
p-Diethylbenzene	48.7		"	50.0		97.4	70-144				
p-Ethyltoluene	47.9		"	50.0		95.7	84-123				
p-Isopropyltoluene	48.0		"	50.0		96.1	85-125				
sec-Butylbenzene	46.7		"	50.0		93.4	83-125				
Styrene	46.6		"	50.0		93.3	86-126				
tert-Amyl alcohol (TAA)	377		"	500		75.5	70-130				
tert-Amyl methyl ether (TAME)	43.5		"	50.0		87.1	70-130				
tert-Butyl alcohol (TBA)	208		"	250		83.0	70-130				
tert-Butylbenzene	46.8		"	50.0		93.7	80-127				
Tetrachloroethylene	36.1		"	50.0		72.3	80-129	Low Bias			
Tetrahydrofuran	38.7		"	50.0		77.5	64-137				
Toluene	44.6		"	50.0		89.2	85-121				
trans-1,2-Dichloroethylene	40.5		"	50.0		81.0	72-132				
trans-1,3-Dichloropropylene	39.2		"	50.0		78.5	78-132				
trans-1,4-dichloro-2-butene	43.4		"	50.0		86.9	75-135				
Trichloroethylene	43.3		"	50.0		86.6	84-123				
Trichlorofluoromethane	48.2		"	50.0		96.4	62-140				
Vinyl acetate	40.9		"	50.0		81.8	67-136				
Vinyl Chloride	49.8		"	50.0		99.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*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 BD20937 - EPA 5035A											
LCS Dup (BD20937-BSD1)								Prepared & Analyzed: 04/15/2022			
1,1,1,2-Tetrachloroethane	49.4		ug/L	50.0		98.7	75-129		8.05	30	
1,1,1-Trichloroethane	45.8		"	50.0		91.7	71-137		7.84	30	
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.4	79-129		8.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.6		"	50.0		95.1	58-146		8.21	30	
1,1,2-Trichloroethane	46.2		"	50.0		92.4	83-123		7.83	30	
1,1-Dichloroethane	43.2		"	50.0		86.4	75-130		7.09	30	
1,1-Dichloroethylene	44.6		"	50.0		89.2	64-137		9.86	30	
1,1-Dichloropropylene	42.7		"	50.0		85.4	77-127		9.37	30	
1,2,3-Trichlorobenzene	49.1		"	50.0		98.2	81-140		6.15	30	
1,2,3-Trichloropropane	48.8		"	50.0		97.6	81-126		6.78	30	
1,2,4,5-Tetramethylbenzene	46.6		"	50.0		93.2	63-156		6.47	30	
1,2,4-Trichlorobenzene	46.9		"	50.0		93.8	80-141		3.49	30	
1,2,4-Trimethylbenzene	50.5		"	50.0		101	84-125		6.29	30	
1,2-Dibromo-3-chloropropane	40.5		"	50.0		81.0	74-142		9.11	30	
1,2-Dibromoethane	49.0		"	50.0		98.0	86-123		7.52	30	
1,2-Dichlorobenzene	49.4		"	50.0		98.8	85-122		6.55	30	
1,2-Dichloroethane	45.4		"	50.0		90.8	71-133		7.54	30	
1,2-Dichloropropane	46.9		"	50.0		93.7	81-122		7.50	30	
1,3,5-Trimethylbenzene	49.5		"	50.0		99.1	82-126		6.76	30	
1,3-Dichlorobenzene	49.9		"	50.0		99.8	84-124		6.39	30	
1,3-Dichloropropane	45.9		"	50.0		91.8	83-123		7.15	30	
1,4-Dichlorobenzene	50.4		"	50.0		101	84-124		5.72	30	
1,4-Dioxane	981		"	1050		93.4	10-228		2.97	30	
2,2-Dichloropropane	48.6		"	50.0		97.2	67-136		8.09	30	
2-Butanone	42.6		"	50.0		85.2	58-147		10.6	30	
2-Chloroethylvinyl ether	65.0		"	50.0		130	10-166		6.08	30	
2-Chlorotoluene	49.6		"	50.0		99.2	78-127		7.20	30	
2-Hexanone	39.4		"	50.0		78.7	70-139		7.46	30	
4-Chlorotoluene	50.2		"	50.0		100	79-125		6.43	30	
4-Methyl-2-pentanone	42.0		"	50.0		83.9	72-132		8.29	30	
Acetone	31.7		"	50.0		63.4	36-155		5.15	30	
Acrolein	25.6		"	50.0		51.1	10-238		0.983	30	
Acrylonitrile	40.8		"	50.0		81.5	66-141		4.72	30	
Benzene	44.8		"	50.0		89.6	77-127		7.10	30	
Bromobenzene	45.8		"	50.0		91.6	77-129		6.05	30	
Bromochloromethane	42.5		"	50.0		84.9	74-129		5.05	30	
Bromodichloromethane	48.0		"	50.0		96.1	81-124		7.85	30	
Bromoform	42.0		"	50.0		84.1	80-136		8.87	30	
Bromomethane	59.9		"	50.0		120	32-177		15.0	30	
Carbon disulfide	47.3		"	50.0		94.6	10-136		8.85	30	
Carbon tetrachloride	47.3		"	50.0		94.6	66-143		8.81	30	
Chlorobenzene	50.0		"	50.0		100	86-120		7.53	30	
Chloroethane	53.7		"	50.0		107	51-142		9.82	30	
Chloroform	45.3		"	50.0		90.6	76-131		7.68	30	
Chloromethane	51.7		"	50.0		103	49-132		7.61	30	
cis-1,2-Dichloroethylene	44.0		"	50.0		88.0	74-132		7.01	30	
cis-1,3-Dichloropropylene	43.5		"	50.0		87.0	81-129		7.64	30	
Cyclohexane	43.9		"	50.0		87.8	70-130		8.33	30	
Dibromochloromethane	42.2		"	50.0		84.4	10-200		7.25	30	
Dibromomethane	46.1		"	50.0		92.2	83-124		7.66	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 BD20937 - EPA 5035A											
LCS Dup (BD20937-BSD1)								Prepared & Analyzed: 04/15/2022			
Dichlorodifluoromethane	63.2		ug/L	50.0		126	28-158		6.89	30	
Diisopropyl ether (DIPE)	46.1		"	50.0		92.1	70-130		7.45	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	50.2		ug/L	50.0		100	84-125		8.16	30	
Ethyl tert-butyl ether (ETBE)	45.2		"	50.0		90.3	70-130		7.63	30	
Hexachlorobutadiene	49.2		"	50.0		98.4	83-133		7.35	30	
Iodomethane	47.0		"	50.0		94.1	70-130		7.68	30	
Isopropylbenzene	50.9		"	50.0		102	81-127		7.88	30	
Methyl acetate	39.2		"	50.0		78.5	41-143		6.45	30	
Methyl Methacrylate	47.0		"	50.0		93.9	79-125		8.69	30	
Methyl tert-butyl ether (MTBE)	47.6		"	50.0		95.3	74-131		6.79	30	
Methylcyclohexane	47.1		"	50.0		94.2	70-130		8.92	30	
Methylene chloride	43.6		"	50.0		87.2	57-141		6.46	30	
Naphthalene	42.3		"	50.0		84.5	86-141	Low Bias	5.62	30	
n-Butylbenzene	50.7		"	50.0		101	80-130		6.35	30	
n-Propylbenzene	49.5		"	50.0		99.1	74-136		6.72	30	
o-Xylene	52.2		"	50.0		104	83-123		8.30	30	
p- & m- Xylenes	103		"	100		103	82-128		7.00	30	
p-Diethylbenzene	52.1		"	50.0		104	70-144		6.74	30	
p-Ethyltoluene	51.5		"	50.0		103	84-123		7.29	30	
p-Isopropyltoluene	51.3		"	50.0		103	85-125		6.56	30	
sec-Butylbenzene	50.2		"	50.0		100	83-125		7.26	30	
Styrene	49.8		"	50.0		99.6	86-126		6.57	30	
tert-Amyl alcohol (TAA)	402		"	500		80.4	70-130		6.36	30	
tert-Amyl methyl ether (TAME)	47.0		"	50.0		94.0	70-130		7.69	30	
tert-Butyl alcohol (TBA)	222		"	250		88.7	70-130		6.64	30	
tert-Butylbenzene	50.5		"	50.0		101	80-127		7.50	30	
Tetrachloroethylene	39.3		"	50.0		78.5	80-129	Low Bias	8.30	30	
Tetrahydrofuran	42.0		"	50.0		83.9	64-137		8.01	30	
Toluene	48.2		"	50.0		96.5	85-121		7.84	30	
trans-1,2-Dichloroethylene	44.2		"	50.0		88.4	72-132		8.74	30	
trans-1,3-Dichloropropylene	42.0		"	50.0		84.0	78-132		6.77	30	
trans-1,4-dichloro-2-butene	46.5		"	50.0		93.0	75-135		6.76	30	
Trichloroethylene	47.2		"	50.0		94.3	84-123		8.56	30	
Trichlorofluoromethane	53.1		"	50.0		106	62-140		9.72	30	
Vinyl acetate	45.1		"	50.0		90.2	67-136		9.70	30	
Vinyl Chloride	54.6		"	50.0		109	52-130		9.06	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*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 BD20937 - EPA 5035A											
Matrix Spike (BD20937-MS1)	*Source sample: 22D0433-01 (Matrix Spike)							Prepared & Analyzed: 04/15/2022			
1,1,1,2-Tetrachloroethane	30.2		ug/L	50.0	0.00	60.3	15-161				
1,1,1-Trichloroethane	30.1		"	50.0	0.00	60.2	42-145				
1,1,2,2-Tetrachloroethane	30.2		"	50.0	0.00	60.5	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	31.2		"	50.0	0.00	62.5	11-160				
1,1,2-Trichloroethane	29.4		"	50.0	0.00	58.9	44-145				
1,1-Dichloroethane	29.7		"	50.0	0.00	59.5	46-142				
1,1-Dichloroethylene	30.0		"	50.0	0.00	60.1	30-153				
1,1-Dichloropropylene	28.2		"	50.0	0.00	56.3	40-133				
1,2,3-Trichlorobenzene	23.4		"	50.0	0.00	46.8	10-157				
1,2,3-Trichloropropane	30.8		"	50.0	0.00	61.6	38-155				
1,2,4,5-Tetramethylbenzene	24.4		"	50.0	0.00	48.9	10-138				
1,2,4-Trichlorobenzene	23.8		"	50.0	0.00	47.6	10-151				
1,2,4-Trimethylbenzene	28.8		"	50.0	0.00	57.7	10-170				
1,2-Dibromo-3-chloropropane	22.0		"	50.0	0.00	44.1	36-138				
1,2-Dibromoethane	30.6		"	50.0	0.00	61.1	40-142				
1,2-Dichlorobenzene	28.2		"	50.0	0.00	56.4	10-147				
1,2-Dichloroethane	30.0		"	50.0	0.00	60.1	48-133				
1,2-Dichloropropane	30.2		"	50.0	0.00	60.5	47-141				
1,3,5-Trimethylbenzene	28.4		"	50.0	0.00	56.8	10-150				
1,3-Dichlorobenzene	27.9		"	50.0	0.00	55.9	10-144				
1,3-Dichloropropane	29.2		"	50.0	0.00	58.3	43-142				
1,4-Dichlorobenzene	28.1		"	50.0	0.00	56.2	10-160				
1,4-Dioxane	730		"	1050	0.00	69.6	10-191				
2,2-Dichloropropane	30.0		"	50.0	0.00	60.1	38-130				
2-Butanone	27.5		"	50.0	0.00	55.0	10-189				
2-Chloroethylvinyl ether	37.5		"	50.0	0.00	75.1	10-161				
2-Chlorotoluene	28.8		"	50.0	0.00	57.6	14-144				
2-Hexanone	22.2		"	50.0	0.00	44.4	10-181				
4-Chlorotoluene	29.2		"	50.0	0.00	58.3	15-138				
4-Methyl-2-pentanone	26.1		"	50.0	0.00	52.2	10-166				
Acetone	26.7		"	50.0	7.65	38.2	10-196				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias			
Acrylonitrile	26.7		"	50.0	0.00	53.4	13-161				
Benzene	30.4		"	50.0	0.00	60.7	43-139				
Bromobenzene	27.9		"	50.0	0.00	55.9	23-142				
Bromochloromethane	28.7		"	50.0	0.00	57.5	38-145				
Bromodichloromethane	29.2		"	50.0	0.00	58.4	38-147				
Bromoform	23.6		"	50.0	0.00	47.2	29-156				
Bromomethane	39.2		"	50.0	0.00	78.3	10-166				
Carbon disulfide	30.2		"	50.0	0.00	60.4	10-131				
Carbon tetrachloride	29.7		"	50.0	0.00	59.5	35-145				
Chlorobenzene	31.2		"	50.0	0.00	62.4	21-154				
Chloroethane	37.7		"	50.0	0.00	75.4	15-160				
Chloroform	30.3		"	50.0	0.00	60.6	47-142				
Chloromethane	39.9		"	50.0	0.00	79.8	10-159				
cis-1,2-Dichloroethylene	29.2		"	50.0	0.00	58.3	42-144				
cis-1,3-Dichloropropylene	25.9		"	50.0	0.00	51.8	18-159				
Cyclohexane	28.2		"	50.0	0.00	56.3	70-130	Low Bias			
Dibromochloromethane	24.6		"	50.0	0.00	49.3	10-179				
Dibromomethane	29.2		"	50.0	0.00	58.4	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 BD20937 - EPA 5035A											
Matrix Spike (BD20937-MS1)	*Source sample: 22D0433-01 (Matrix Spike)							Prepared & Analyzed: 04/15/2022			
Dichlorodifluoromethane	51.9		ug/L	50.0	0.00	104	10-145				
Diisopropyl ether (DIPE)	28.9		"	50.0	0.00	57.8	70-130	Low Bias			
Ethanol	ND	0.094	mg/kg dry		ND		70-130				
Ethyl Benzene	30.9		ug/L	50.0	0.00	61.8	11-158				
Ethyl tert-butyl ether (ETBE)	28.0		"	50.0	0.00	56.0	70-130	Low Bias			
Hexachlorobutadiene	16.1		"	50.0	0.00	32.2	10-158				
Iodomethane	27.1		"	50.0	0.00	54.3	70-130	Low Bias			
Isopropylbenzene	30.1		"	50.0	0.00	60.2	10-162				
Methyl acetate	28.0		"	50.0	0.00	56.0	10-149				
Methyl Methacrylate	38.2		"	50.0	0.00	76.5	22-162				
Methyl tert-butyl ether (MTBE)	29.7		"	50.0	0.00	59.5	42-152				
Methylcyclohexane	24.9		"	50.0	0.00	49.9	70-130	Low Bias			
Methylene chloride	41.2		"	50.0	22.4	37.7	28-151				
Naphthalene	23.5		"	50.0	0.00	47.0	10-158				
n-Butylbenzene	24.8		"	50.0	0.00	49.5	10-162				
n-Propylbenzene	28.3		"	50.0	0.00	56.6	10-155				
o-Xylene	32.3		"	50.0	0.00	64.5	10-158				
p- & m- Xylenes	63.4		"	100	0.00	63.4	10-156				
p-Diethylbenzene	26.1		"	50.0	0.00	52.2	10-146				
p-Ethyltoluene	29.4		"	50.0	0.00	58.7	10-135				
p-Isopropyltoluene	26.7		"	50.0	0.00	53.4	10-147				
sec-Butylbenzene	26.3		"	50.0	0.00	52.5	10-157				
Styrene	29.7		"	50.0	0.00	59.4	13-171				
tert-Amyl alcohol (TAA)	263		"	500	0.00	52.7	70-130	Low Bias			
tert-Amyl methyl ether (TAME)	29.7		"	50.0	0.00	59.3	70-130	Low Bias			
tert-Butyl alcohol (TBA)	145		"	250	0.00	58.1	34-179				
tert-Butylbenzene	28.1		"	50.0	0.00	56.2	10-160				
Tetrachloroethylene	23.4		"	50.0	0.00	46.9	30-167				
Tetrahydrofuran	28.3		"	50.0	0.00	56.7	25-160				
Toluene	30.6		"	50.0	0.00	61.2	21-160				
trans-1,2-Dichloroethylene	29.7		"	50.0	0.00	59.4	29-153				
trans-1,3-Dichloropropylene	24.1		"	50.0	0.00	48.2	18-155				
trans-1,4-dichloro-2-butene	27.7		"	50.0	0.00	55.5	17-154				
Trichloroethylene	29.6		"	50.0	0.00	59.1	24-169				
Trichlorofluoromethane	35.1		"	50.0	0.00	70.2	35-142				
Vinyl acetate	29.3		"	50.0	0.00	58.6	10-119				
Vinyl Chloride	39.9		"	50.0	0.00	79.8	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD20937 - EPA 5035A

Matrix Spike Dup (BD20937-MSD1) *Source sample: 22D0433-01 (Matrix Spike Dup) Prepared & Analyzed: 04/15/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	31.2		ug/L	50.0	0.00	62.5	15-161		3.52	33	
1,1,1-Trichloroethane	27.7		"	50.0	0.00	55.3	42-145		8.38	30	
1,1,2,2-Tetrachloroethane	33.1		"	50.0	0.00	66.3	16-167		9.15	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25.4		"	50.0	0.00	50.8	11-160		20.7	31	
1,1,2-Trichloroethane	31.8		"	50.0	0.00	63.7	44-145		7.83	40	
1,1-Dichloroethane	26.9		"	50.0	0.00	53.8	46-142		9.92	36	
1,1-Dichloroethylene	22.7		"	50.0	0.00	45.3	30-153		28.0	31	
1,1-Dichloropropylene	25.1		"	50.0	0.00	50.2	40-133		11.4	28	
1,2,3-Trichlorobenzene	27.0		"	50.0	0.00	54.0	10-157		14.4	47	
1,2,3-Trichloropropane	34.0		"	50.0	0.00	68.0	38-155		9.91	48	
1,2,4,5-Tetramethylbenzene	26.1		"	50.0	0.00	52.1	10-138		6.37	44	
1,2,4-Trichlorobenzene	25.1		"	50.0	0.00	50.1	10-151		5.20	52	
1,2,4-Trimethylbenzene	29.6		"	50.0	0.00	59.2	10-170		2.57	242	
1,2-Dibromo-3-chloropropane	25.8		"	50.0	0.00	51.7	36-138		16.0	54	
1,2-Dibromoethane	32.8		"	50.0	0.00	65.6	40-142		7.13	39	
1,2-Dichlorobenzene	30.0		"	50.0	0.00	59.9	10-147		5.98	52	
1,2-Dichloroethane	29.5		"	50.0	0.00	59.1	48-133		1.71	32	
1,2-Dichloropropane	30.3		"	50.0	0.00	60.5	47-141		0.0661	37	
1,3,5-Trimethylbenzene	29.8		"	50.0	0.00	59.7	10-150		4.87	62	
1,3-Dichlorobenzene	29.0		"	50.0	0.00	58.0	10-144		3.83	51	
1,3-Dichloropropane	31.1		"	50.0	0.00	62.1	43-142		6.34	36	
1,4-Dichlorobenzene	29.1		"	50.0	0.00	58.3	10-160		3.60	52	
1,4-Dioxane	809		"	1050	0.00	77.1	10-191		10.2	196	
2,2-Dichloropropane	27.8		"	50.0	0.00	55.7	38-130		7.64	31	
2-Butanone	29.4		"	50.0	0.00	58.7	10-189		6.47	67	
2-Chloroethylvinyl ether	43.5		"	50.0	0.00	87.1	10-161		14.8	30	
2-Chlorotoluene	29.6		"	50.0	0.00	59.3	14-144		2.91	49	
2-Hexanone	26.0		"	50.0	0.00	52.1	10-181		16.0	60	
4-Chlorotoluene	29.3		"	50.0	0.00	58.5	15-138		0.308	39	
4-Methyl-2-pentanone	30.2		"	50.0	0.00	60.3	10-166		14.4	47	
Acetone	30.4		"	50.0	7.65	45.4	10-196		12.7	150	
Acrolein	2.22		"	50.0	0.00	4.44	10-192	Low Bias		128	
Acrylonitrile	27.7		"	50.0	0.00	55.4	13-161		3.64	48	
Benzene	28.0		"	50.0	0.00	55.9	43-139		8.23	64	
Bromobenzene	28.6		"	50.0	0.00	57.1	23-142		2.27	44	
Bromochloromethane	28.3		"	50.0	0.00	56.6	38-145		1.51	30	
Bromodichloromethane	29.9		"	50.0	0.00	59.8	38-147		2.34	37	
Bromoform	26.7		"	50.0	0.00	53.4	29-156		12.3	51	
Bromomethane	34.2		"	50.0	0.00	68.4	10-166		13.5	42	
Carbon disulfide	26.3		"	50.0	0.00	52.6	10-131		13.9	36	
Carbon tetrachloride	27.4		"	50.0	0.00	54.9	35-145		8.01	31	
Chlorobenzene	30.9		"	50.0	0.00	61.8	21-154		0.999	32	
Chloroethane	32.6		"	50.0	0.00	65.2	15-160		14.5	40	
Chloroform	28.5		"	50.0	0.00	57.0	47-142		6.02	29	
Chloromethane	32.4		"	50.0	0.00	64.8	10-159		20.8	31	
cis-1,2-Dichloroethylene	27.1		"	50.0	0.00	54.2	42-144		7.36	30	
cis-1,3-Dichloropropylene	26.6		"	50.0	0.00	53.1	18-159		2.44	39	
Cyclohexane	26.8		"	50.0	0.00	53.6	70-130	Low Bias	4.99	30	
Dibromochloromethane	26.8		"	50.0	0.00	53.7	10-179		8.55	41	
Dibromomethane	30.9		"	50.0	0.00	61.9	47-143		5.79	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 BD20937 - EPA 5035A											
Matrix Spike Dup (BD20937-MSD1)	*Source sample: 22D0433-01 (Matrix Spike Dup)								Prepared & Analyzed: 04/15/2022		
Dichlorodifluoromethane	43.7		ug/L	50.0	0.00	87.3	10-145		17.2	34	
Diisopropyl ether (DIPE)	29.5		"	50.0	0.00	58.9	70-130	Low Bias	1.88	30	
Ethanol	ND	0.094	mg/kg dry		ND		70-130			30	
Ethyl Benzene	30.0		ug/L	50.0	0.00	60.0	11-158		3.02	42	
Ethyl tert-butyl ether (ETBE)	29.1		"	50.0	0.00	58.2	70-130	Low Bias	3.71	30	
Hexachlorobutadiene	23.9		"	50.0	0.00	47.9	10-158		39.2	45	
Iodomethane	26.3		"	50.0	0.00	52.6	70-130	Low Bias	3.11	30	
Isopropylbenzene	30.7		"	50.0	0.00	61.4	10-162		1.94	57	
Methyl acetate	31.3		"	50.0	0.00	62.5	10-149		11.0	64	
Methyl Methacrylate	38.7		"	50.0	0.00	77.3	22-162		1.07	30	
Methyl tert-butyl ether (MTBE)	32.0		"	50.0	0.00	63.9	42-152		7.20	47	
Methylcyclohexane	27.0		"	50.0	0.00	54.0	70-130	Low Bias	7.86	30	
Methylene chloride	40.5		"	50.0	22.4	36.2	28-151		1.86	49	
Naphthalene	26.7		"	50.0	0.00	53.4	10-158		12.9	95	
n-Butylbenzene	27.8		"	50.0	0.00	55.6	10-162		11.5	96	
n-Propylbenzene	29.0		"	50.0	0.00	58.0	10-155		2.34	56	
o-Xylene	31.7		"	50.0	0.00	63.3	10-158		1.85	51	
p- & m- Xylenes	61.8		"	100	0.00	61.8	10-156		2.64	47	
p-Diethylbenzene	28.5		"	50.0	0.00	57.0	10-146		8.75	39	
p-Ethyltoluene	29.7		"	50.0	0.00	59.5	10-135		1.29	40	
p-Isopropyltoluene	29.6		"	50.0	0.00	59.2	10-147		10.4	60	
sec-Butylbenzene	29.5		"	50.0	0.00	59.0	10-157		11.5	56	
Styrene	30.1		"	50.0	0.00	60.2	13-171		1.34	39	
tert-Amyl alcohol (TAA)	310		"	500	0.00	62.1	70-130	Low Bias	16.4	30	
tert-Amyl methyl ether (TAME)	31.6		"	50.0	0.00	63.1	70-130	Low Bias	6.21	30	
tert-Butyl alcohol (TBA)	171		"	250	0.00	68.4	34-179		16.3	35	
tert-Butylbenzene	30.4		"	50.0	0.00	60.9	10-160		8.03	79	
Tetrachloroethylene	22.8		"	50.0	0.00	45.7	30-167		2.51	33	
Tetrahydrofuran	31.7		"	50.0	0.00	63.4	25-160		11.2	30	
Toluene	29.5		"	50.0	0.00	59.1	21-160		3.59	50	
trans-1,2-Dichloroethylene	26.2		"	50.0	0.00	52.3	29-153		12.7	30	
trans-1,3-Dichloropropylene	25.9		"	50.0	0.00	51.7	18-155		7.04	30	
trans-1,4-dichloro-2-butene	31.6		"	50.0	0.00	63.2	17-154		13.0	30	
Trichloroethylene	27.6		"	50.0	0.00	55.2	24-169		6.93	30	
Trichlorofluoromethane	32.0		"	50.0	0.00	63.9	35-142		9.39	30	
Vinyl acetate	29.2		"	50.0	0.00	58.4	10-119		0.342	82	
Vinyl Chloride	33.2		"	50.0	0.00	66.5	12-160		18.2	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*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 BD20938 - EPA 5035A											
Blank (BD20938-BLK1)											Prepared & Analyzed: 04/15/2022
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

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 BD20938 - EPA 5035A											
Blank (BD20938-BLK1)											Prepared & Analyzed: 04/15/2022
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*ug/L*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.2*		*"*	*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 BD20938 - EPA 5035A											
Blank (BD20938-BLK2)											
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

Prepared & Analyzed: 04/15/2022

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 BD20938 - EPA 5035A											
Blank (BD20938-BLK2)											Prepared & Analyzed: 04/15/2022
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*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 BD20938 - EPA 5035A											
LCS (BD20938-BS1)								Prepared & Analyzed: 04/15/2022			
1,1,1,2-Tetrachloroethane	42.9		ug/L	50.0		85.8	75-129				
1,1,1-Trichloroethane	41.7		"	50.0		83.4	71-137				
1,1,2,2-Tetrachloroethane	45.1		"	50.0		90.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.5		"	50.0		91.0	58-146				
1,1,2-Trichloroethane	42.8		"	50.0		85.6	83-123				
1,1-Dichloroethane	40.3		"	50.0		80.6	75-130				
1,1-Dichloroethylene	42.3		"	50.0		84.6	64-137				
1,1-Dichloropropylene	38.8		"	50.0		77.5	77-127				
1,2,3-Trichlorobenzene	43.6		"	50.0		87.1	81-140				
1,2,3-Trichloropropane	43.8		"	50.0		87.5	81-126				
1,2,4,5-Tetramethylbenzene	46.7		"	50.0		93.4	63-156				
1,2,4-Trichlorobenzene	44.8		"	50.0		89.7	80-141				
1,2,4-Trimethylbenzene	46.0		"	50.0		92.0	84-125				
1,2-Dibromo-3-chloropropane	45.2		"	50.0		90.3	74-142				
1,2-Dibromoethane	44.6		"	50.0		89.3	86-123				
1,2-Dichlorobenzene	45.2		"	50.0		90.5	85-122				
1,2-Dichloroethane	40.7		"	50.0		81.3	71-133				
1,2-Dichloropropane	44.0		"	50.0		88.0	81-122				
1,3,5-Trimethylbenzene	45.7		"	50.0		91.4	82-126				
1,3-Dichlorobenzene	45.2		"	50.0		90.4	84-124				
1,3-Dichloropropane	42.2		"	50.0		84.4	83-123				
1,4-Dichlorobenzene	45.8		"	50.0		91.5	84-124				
1,4-Dioxane	715		"	1050		68.1	10-228				
2,2-Dichloropropane	44.3		"	50.0		88.6	67-136				
2-Butanone	36.8		"	50.0		73.7	58-147				
2-Chloroethylvinyl ether	60.1		"	50.0		120	10-166				
2-Chlorotoluene	46.0		"	50.0		91.9	78-127				
2-Hexanone	39.9		"	50.0		79.7	70-139				
4-Chlorotoluene	46.8		"	50.0		93.6	79-125				
4-Methyl-2-pentanone	43.3		"	50.0		86.5	72-132				
Acetone	26.9		"	50.0		53.8	36-155				
Acrolein	17.7		"	50.0		35.4	10-238				
Acrylonitrile	39.0		"	50.0		78.0	66-141				
Benzene	41.0		"	50.0		82.0	77-127				
Bromobenzene	45.2		"	50.0		90.4	77-129				
Bromochloromethane	40.8		"	50.0		81.6	74-129				
Bromodichloromethane	43.6		"	50.0		87.1	81-124				
Bromoform	44.6		"	50.0		89.2	80-136				
Bromomethane	47.0		"	50.0		94.0	32-177				
Carbon disulfide	44.4		"	50.0		88.8	10-136				
Carbon tetrachloride	42.7		"	50.0		85.4	66-143				
Chlorobenzene	46.2		"	50.0		92.4	86-120				
Chloroethane	41.8		"	50.0		83.5	51-142				
Chloroform	41.5		"	50.0		83.0	76-131				
Chloromethane	42.1		"	50.0		84.2	49-132				
cis-1,2-Dichloroethylene	40.8		"	50.0		81.7	74-132				
cis-1,3-Dichloropropylene	44.4		"	50.0		88.8	81-129				
Cyclohexane	40.4		"	50.0		80.9	70-130				
Dibromochloromethane	43.2		"	50.0		86.3	10-200				
Dibromomethane	41.9		"	50.0		83.8	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 BD20938 - EPA 5035A											
LCS (BD20938-BS1)								Prepared & Analyzed: 04/15/2022			
Dichlorodifluoromethane	43.6		ug/L	50.0		87.2	28-158				
Diisopropyl ether (DIPE)	42.1		"	50.0		84.2	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	44.4		ug/L	50.0		88.8	84-125				
Ethyl tert-butyl ether (ETBE)	42.4		"	50.0		84.7	70-130				
Hexachlorobutadiene	45.1		"	50.0		90.2	83-133				
Iodomethane	47.6		"	50.0		95.2	70-130				
Isopropylbenzene	47.4		"	50.0		94.7	81-127				
Methyl acetate	41.5		"	50.0		83.1	41-143				
Methyl Methacrylate	41.8		"	50.0		83.6	79-125				
Methyl tert-butyl ether (MTBE)	43.1		"	50.0		86.1	74-131				
Methylcyclohexane	43.7		"	50.0		87.4	70-130				
Methylene chloride	31.5		"	50.0		62.9	57-141				
Naphthalene	43.7		"	50.0		87.4	86-141				
n-Butylbenzene	46.5		"	50.0		92.9	80-130				
n-Propylbenzene	46.1		"	50.0		92.1	74-136				
o-Xylene	45.2		"	50.0		90.4	83-123				
p- & m- Xylenes	89.5		"	100		89.5	82-128				
p-Diethylbenzene	47.9		"	50.0		95.7	70-144				
p-Ethyltoluene	45.7		"	50.0		91.4	84-123				
p-Isopropyltoluene	46.3		"	50.0		92.6	85-125				
sec-Butylbenzene	46.5		"	50.0		92.9	83-125				
Styrene	43.4		"	50.0		86.8	86-126				
tert-Amyl alcohol (TAA)	393		"	500		78.7	70-130				
tert-Amyl methyl ether (TAME)	42.0		"	50.0		83.9	70-130				
tert-Butyl alcohol (TBA)	196		"	250		78.2	70-130				
tert-Butylbenzene	46.3		"	50.0		92.7	80-127				
Tetrachloroethylene	35.2		"	50.0		70.4	80-129	Low Bias			
Tetrahydrofuran	38.6		"	50.0		77.3	64-137				
Toluene	44.0		"	50.0		88.0	85-121				
trans-1,2-Dichloroethylene	45.2		"	50.0		90.4	72-132				
trans-1,3-Dichloropropylene	44.2		"	50.0		88.3	78-132				
trans-1,4-dichloro-2-butene	44.4		"	50.0		88.8	75-135				
Trichloroethylene	44.1		"	50.0		88.2	84-123				
Trichlorofluoromethane	41.8		"	50.0		83.5	62-140				
Vinyl acetate	42.2		"	50.0		84.5	67-136				
Vinyl Chloride	39.1		"	50.0		78.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*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 BD20938 - EPA 5035A											
LCS Dup (BD20938-BSD1)								Prepared & Analyzed: 04/15/2022			
1,1,1,2-Tetrachloroethane	46.0		ug/L	50.0		92.1	75-129		7.11	30	
1,1,1-Trichloroethane	44.8		"	50.0		89.6	71-137		7.21	30	
1,1,2,2-Tetrachloroethane	47.5		"	50.0		94.9	79-129		5.14	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.6		"	50.0		95.1	58-146		4.49	30	
1,1,2-Trichloroethane	43.8		"	50.0		87.7	83-123		2.42	30	
1,1-Dichloroethane	42.4		"	50.0		84.8	75-130		5.01	30	
1,1-Dichloroethylene	45.1		"	50.0		90.3	64-137		6.43	30	
1,1-Dichloropropylene	41.2		"	50.0		82.5	77-127		6.17	30	
1,2,3-Trichlorobenzene	45.1		"	50.0		90.1	81-140		3.41	30	
1,2,3-Trichloropropane	45.3		"	50.0		90.6	81-126		3.46	30	
1,2,4,5-Tetramethylbenzene	50.4		"	50.0		101	63-156		7.58	30	
1,2,4-Trichlorobenzene	47.6		"	50.0		95.2	80-141		5.97	30	
1,2,4-Trimethylbenzene	49.3		"	50.0		98.7	84-125		7.05	30	
1,2-Dibromo-3-chloropropane	45.8		"	50.0		91.7	74-142		1.49	30	
1,2-Dibromoethane	45.9		"	50.0		91.7	86-123		2.70	30	
1,2-Dichlorobenzene	48.7		"	50.0		97.4	85-122		7.43	30	
1,2-Dichloroethane	41.6		"	50.0		83.1	71-133		2.16	30	
1,2-Dichloropropane	46.5		"	50.0		93.0	81-122		5.59	30	
1,3,5-Trimethylbenzene	48.8		"	50.0		97.6	82-126		6.58	30	
1,3-Dichlorobenzene	48.5		"	50.0		96.9	84-124		7.00	30	
1,3-Dichloropropane	43.6		"	50.0		87.3	83-123		3.38	30	
1,4-Dichlorobenzene	48.5		"	50.0		97.0	84-124		5.81	30	
1,4-Dioxane	705		"	1050		67.2	10-228		1.40	30	
2,2-Dichloropropane	47.6		"	50.0		95.1	67-136		7.07	30	
2-Butanone	34.5		"	50.0		69.0	58-147		6.62	30	
2-Chloroethylvinyl ether	56.7		"	50.0		113	10-166		5.70	30	
2-Chlorotoluene	49.7		"	50.0		99.4	78-127		7.84	30	
2-Hexanone	41.2		"	50.0		82.5	70-139		3.40	30	
4-Chlorotoluene	50.5		"	50.0		101	79-125		7.58	30	
4-Methyl-2-pentanone	44.2		"	50.0		88.4	72-132		2.08	30	
Acetone	26.5		"	50.0		53.0	36-155		1.54	30	
Acrolein	16.1		"	50.0		32.1	10-238		9.83	30	
Acrylonitrile	38.9		"	50.0		77.8	66-141		0.231	30	
Benzene	43.0		"	50.0		86.0	77-127		4.76	30	
Bromobenzene	47.9		"	50.0		95.8	77-129		5.82	30	
Bromochloromethane	42.0		"	50.0		83.9	74-129		2.75	30	
Bromodichloromethane	45.9		"	50.0		91.8	81-124		5.21	30	
Bromoform	46.7		"	50.0		93.4	80-136		4.62	30	
Bromomethane	50.8		"	50.0		102	32-177		7.67	30	
Carbon disulfide	46.9		"	50.0		93.8	10-136		5.45	30	
Carbon tetrachloride	45.2		"	50.0		90.4	66-143		5.73	30	
Chlorobenzene	48.2		"	50.0		96.3	86-120		4.15	30	
Chloroethane	43.4		"	50.0		86.8	51-142		3.88	30	
Chloroform	43.4		"	50.0		86.9	76-131		4.59	30	
Chloromethane	44.0		"	50.0		88.0	49-132		4.37	30	
cis-1,2-Dichloroethylene	42.7		"	50.0		85.3	74-132		4.36	30	
cis-1,3-Dichloropropylene	46.6		"	50.0		93.2	81-129		4.81	30	
Cyclohexane	43.2		"	50.0		86.3	70-130		6.53	30	
Dibromochloromethane	44.9		"	50.0		89.7	10-200		3.89	30	
Dibromomethane	43.0		"	50.0		86.0	83-124		2.57	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 BD20938 - EPA 5035A											
LCS Dup (BD20938-BSD1)								Prepared & Analyzed: 04/15/2022			
Dichlorodifluoromethane	46.0		ug/L	50.0		91.9	28-158		5.32	30	
Diisopropyl ether (DIPE)	44.3		"	50.0		88.5	70-130		5.05	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	47.0		ug/L	50.0		94.0	84-125		5.73	30	
Ethyl tert-butyl ether (ETBE)	44.4		"	50.0		88.8	70-130		4.63	30	
Hexachlorobutadiene	48.4		"	50.0		96.9	83-133		7.18	30	
Iodomethane	49.8		"	50.0		99.6	70-130		4.52	30	
Isopropylbenzene	51.0		"	50.0		102	81-127		7.36	30	
Methyl acetate	43.0		"	50.0		86.0	41-143		3.45	30	
Methyl Methacrylate	43.0		"	50.0		86.0	79-125		2.85	30	
Methyl tert-butyl ether (MTBE)	44.2		"	50.0		88.4	74-131		2.59	30	
Methylcyclohexane	46.3		"	50.0		92.6	70-130		5.82	30	
Methylene chloride	32.2		"	50.0		64.4	57-141		2.39	30	
Naphthalene	44.9		"	50.0		89.8	86-141		2.73	30	
n-Butylbenzene	50.0		"	50.0		99.9	80-130		7.24	30	
n-Propylbenzene	49.7		"	50.0		99.5	74-136		7.66	30	
o-Xylene	48.0		"	50.0		95.9	83-123		5.95	30	
p- & m- Xylenes	94.2		"	100		94.2	82-128		5.06	30	
p-Diethylbenzene	51.2		"	50.0		102	70-144		6.62	30	
p-Ethyltoluene	48.8		"	50.0		97.6	84-123		6.58	30	
p-Isopropyltoluene	50.1		"	50.0		100	85-125		7.82	30	
sec-Butylbenzene	50.1		"	50.0		100	83-125		7.54	30	
Styrene	45.8		"	50.0		91.5	86-126		5.25	30	
tert-Amyl alcohol (TAA)	393		"	500		78.7	70-130		0.0153	30	
tert-Amyl methyl ether (TAME)	43.4		"	50.0		86.7	70-130		3.28	30	
tert-Butyl alcohol (TBA)	198		"	250		79.3	70-130		1.39	30	
tert-Butylbenzene	50.1		"	50.0		100	80-127		7.76	30	
Tetrachloroethylene	36.8		"	50.0		73.7	80-129	Low Bias	4.50	30	
Tetrahydrofuran	37.9		"	50.0		75.9	64-137		1.85	30	
Toluene	46.2		"	50.0		92.4	85-121		4.81	30	
trans-1,2-Dichloroethylene	46.1		"	50.0		92.3	72-132		2.01	30	
trans-1,3-Dichloropropylene	45.9		"	50.0		91.8	78-132		3.84	30	
trans-1,4-dichloro-2-butene	46.3		"	50.0		92.6	75-135		4.17	30	
Trichloroethylene	46.4		"	50.0		92.8	84-123		5.08	30	
Trichlorofluoromethane	44.0		"	50.0		88.1	62-140		5.29	30	
Vinyl acetate	43.9		"	50.0		87.8	67-136		3.85	30	
Vinyl Chloride	41.6		"	50.0		83.2	52-130		6.10	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*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 BD20938 - EPA 5035A											
Matrix Spike (BD20938-MS1)	*Source sample: 22D0557-08 (Matrix Spike)							Prepared & Analyzed: 04/15/2022			
1,1,1,2-Tetrachloroethane	28.8		ug/L	50.0	0.00	57.5	15-161				
1,1,1-Trichloroethane	31.9		"	50.0	0.00	63.8	42-145				
1,1,2,2-Tetrachloroethane	30.7		"	50.0	0.00	61.3	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	33.7		"	50.0	0.00	67.5	11-160				
1,1,2-Trichloroethane	31.9		"	50.0	0.00	63.9	44-145				
1,1-Dichloroethane	33.4		"	50.0	0.00	66.7	46-142				
1,1-Dichloroethylene	33.6		"	50.0	0.00	67.3	30-153				
1,1-Dichloropropylene	28.0		"	50.0	0.00	56.0	40-133				
1,2,3-Trichlorobenzene	9.55		"	50.0	0.00	19.1	10-157				
1,2,3-Trichloropropane	31.8		"	50.0	0.00	63.7	38-155				
1,2,4,5-Tetramethylbenzene	14.6		"	50.0	0.00	29.1	10-138				
1,2,4-Trichlorobenzene	10.0		"	50.0	0.00	20.1	10-151				
1,2,4-Trimethylbenzene	18.9		"	50.0	0.00	37.8	10-170				
1,2-Dibromo-3-chloropropane	25.6		"	50.0	0.00	51.3	36-138				
1,2-Dibromoethane	29.4		"	50.0	0.00	58.8	40-142				
1,2-Dichlorobenzene	18.9		"	50.0	0.00	37.9	10-147				
1,2-Dichloroethane	31.5		"	50.0	0.00	63.0	48-133				
1,2-Dichloropropane	36.0		"	50.0	0.00	71.9	47-141				
1,3,5-Trimethylbenzene	20.9		"	50.0	0.00	41.8	10-150				
1,3-Dichlorobenzene	18.8		"	50.0	0.00	37.7	10-144				
1,3-Dichloropropane	31.5		"	50.0	0.00	63.0	43-142				
1,4-Dichlorobenzene	18.7		"	50.0	0.00	37.4	10-160				
1,4-Dioxane	681		"	1050	0.00	64.8	10-191				
2,2-Dichloropropane	32.0		"	50.0	0.00	63.9	38-130				
2-Butanone	20.0		"	50.0	0.00	39.9	10-189				
2-Chloroethylvinyl ether	26.6		"	50.0	0.00	53.3	10-161				
2-Chlorotoluene	22.9		"	50.0	0.00	45.7	14-144				
2-Hexanone	6.71		"	50.0	0.00	13.4	10-181				
4-Chlorotoluene	22.0		"	50.0	0.00	44.0	15-138				
4-Methyl-2-pentanone	17.7		"	50.0	0.00	35.3	10-166				
Acetone	26.4		"	50.0	2.67	47.4	10-196				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias			
Acrylonitrile	25.7		"	50.0	0.00	51.4	13-161				
Benzene	31.7		"	50.0	0.00	63.4	43-139				
Bromobenzene	24.1		"	50.0	0.00	48.1	23-142				
Bromochloromethane	31.7		"	50.0	0.00	63.4	38-145				
Bromodichloromethane	32.8		"	50.0	0.00	65.7	38-147				
Bromoform	27.0		"	50.0	0.00	54.1	29-156				
Bromomethane	34.1		"	50.0	0.00	68.2	10-166				
Carbon disulfide	28.9		"	50.0	0.00	57.8	10-131				
Carbon tetrachloride	30.7		"	50.0	0.00	61.5	35-145				
Chlorobenzene	27.5		"	50.0	0.00	55.1	21-154				
Chloroethane	34.5		"	50.0	0.00	69.0	15-160				
Chloroform	32.9		"	50.0	0.00	65.8	47-142				
Chloromethane	36.8		"	50.0	0.00	73.7	10-159				
cis-1,2-Dichloroethylene	30.3		"	50.0	0.00	60.5	42-144				
cis-1,3-Dichloropropylene	28.1		"	50.0	0.00	56.2	18-159				
Cyclohexane	26.5		"	50.0	0.00	53.0	70-130	Low Bias			
Dibromochloromethane	29.8		"	50.0	0.00	59.7	10-179				
Dibromomethane	30.4		"	50.0	0.00	60.8	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 BD20938 - EPA 5035A											
Matrix Spike (BD20938-MS1)	*Source sample: 22D0557-08 (Matrix Spike)							Prepared & Analyzed: 04/15/2022			
Dichlorodifluoromethane	41.8		ug/L	50.0	0.00	83.7	10-145				
Diisopropyl ether (DIPE)	34.9		"	50.0	0.00	69.8	70-130	Low Bias			
Ethanol	2.95	0.096	mg/kg dry		ND		70-130				
Ethyl Benzene	25.6		ug/L	50.0	0.00	51.3	11-158				
Ethyl tert-butyl ether (ETBE)	33.9		"	50.0	0.00	67.7	70-130	Low Bias			
Hexachlorobutadiene	10.1		"	50.0	0.00	20.1	10-158				
Iodomethane	28.8		"	50.0	0.00	57.6	70-130	Low Bias			
Isopropylbenzene	26.1		"	50.0	0.00	52.2	10-162				
Methyl acetate	34.9		"	50.0	0.00	69.8	10-149				
Methyl Methacrylate	40.5		"	50.0	0.00	81.1	22-162				
Methyl tert-butyl ether (MTBE)	35.0		"	50.0	0.00	70.0	42-152				
Methylcyclohexane	21.8		"	50.0	0.00	43.7	70-130	Low Bias			
Methylene chloride	41.8		"	50.0	20.0	43.6	28-151				
Naphthalene	8.70		"	50.0	0.00	17.4	10-158				
n-Butylbenzene	7.88		"	50.0	0.00	15.8	10-162				
n-Propylbenzene	21.4		"	50.0	0.00	42.7	10-155				
o-Xylene	27.0		"	50.0	0.00	54.0	10-158				
p- & m- Xylenes	49.5		"	100	0.00	49.5	10-156				
p-Diethylbenzene	11.8		"	50.0	0.00	23.6	10-146				
p-Ethyltoluene	20.9		"	50.0	0.00	41.8	10-135				
p-Isopropyltoluene	10.3		"	50.0	0.00	20.5	10-147				
sec-Butylbenzene	17.7		"	50.0	0.00	35.4	10-157				
Styrene	18.1		"	50.0	0.00	36.3	13-171				
tert-Amyl alcohol (TAA)	313		"	500	0.00	62.5	70-130	Low Bias			
tert-Amyl methyl ether (TAME)	33.0		"	50.0	0.00	66.1	70-130	Low Bias			
tert-Butyl alcohol (TBA)	157		"	250	0.00	62.7	34-179				
tert-Butylbenzene	22.4		"	50.0	0.00	44.7	10-160				
Tetrachloroethylene	21.1		"	50.0	0.00	42.2	30-167				
Tetrahydrofuran	31.4		"	50.0	0.00	62.8	25-160				
Toluene	30.5		"	50.0	0.00	60.9	21-160				
trans-1,2-Dichloroethylene	31.6		"	50.0	0.00	63.2	29-153				
trans-1,3-Dichloropropylene	24.4		"	50.0	0.00	48.8	18-155				
trans-1,4-dichloro-2-butene	28.2		"	50.0	0.00	56.3	17-154				
Trichloroethylene	31.5		"	50.0	0.00	63.0	24-169				
Trichlorofluoromethane	33.8		"	50.0	0.00	67.6	35-142				
Vinyl acetate	37.3		"	50.0	0.00	74.6	10-119				
Vinyl Chloride	32.4		"	50.0	0.00	64.8	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*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.

Batch BD20938 - EPA 5035A

Matrix Spike Dup (BD20938-MSD1) *Source sample: 22D0557-08 (Matrix Spike Dup) Prepared & Analyzed: 04/15/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	27.2		ug/L	50.0	0.00	54.4	15-161		5.47	33	
1,1,1-Trichloroethane	31.4		"	50.0	0.00	62.8	42-145		1.52	30	
1,1,2,2-Tetrachloroethane	26.7		"	50.0	0.00	53.5	16-167		13.7	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	33.3		"	50.0	0.00	66.7	11-160		1.19	31	
1,1,2-Trichloroethane	29.6		"	50.0	0.00	59.1	44-145		7.74	40	
1,1-Dichloroethane	32.3		"	50.0	0.00	64.6	46-142		3.23	36	
1,1-Dichloroethylene	33.2		"	50.0	0.00	66.4	30-153		1.35	31	
1,1-Dichloropropylene	27.7		"	50.0	0.00	55.5	40-133		1.04	28	
1,2,3-Trichlorobenzene	8.79		"	50.0	0.00	17.6	10-157		8.29	47	
1,2,3-Trichloropropane	28.1		"	50.0	0.00	56.1	38-155		12.6	48	
1,2,4,5-Tetramethylbenzene	15.1		"	50.0	0.00	30.3	10-138		3.77	44	
1,2,4-Trichlorobenzene	9.62		"	50.0	0.00	19.2	10-151		4.17	52	
1,2,4-Trimethylbenzene	19.0		"	50.0	0.00	38.0	10-170		0.527	242	
1,2-Dibromo-3-chloropropane	22.2		"	50.0	0.00	44.4	36-138		14.3	54	
1,2-Dibromoethane	26.4		"	50.0	0.00	52.8	40-142		10.7	39	
1,2-Dichlorobenzene	17.5		"	50.0	0.00	35.0	10-147		7.74	52	
1,2-Dichloroethane	29.3		"	50.0	0.00	58.6	48-133		7.21	32	
1,2-Dichloropropane	33.8		"	50.0	0.00	67.6	47-141		6.25	37	
1,3,5-Trimethylbenzene	21.4		"	50.0	0.00	42.7	10-150		2.08	62	
1,3-Dichlorobenzene	18.2		"	50.0	0.00	36.4	10-144		3.40	51	
1,3-Dichloropropane	28.6		"	50.0	0.00	57.2	43-142		9.78	36	
1,4-Dichlorobenzene	17.6		"	50.0	0.00	35.2	10-160		5.90	52	
1,4-Dioxane	610		"	1050	0.00	58.0	10-191		11.0	196	
2,2-Dichloropropane	32.1		"	50.0	0.00	64.2	38-130		0.375	31	
2-Butanone	16.2		"	50.0	0.00	32.5	10-189		20.6	67	
2-Chloroethylvinyl ether	23.0		"	50.0	0.00	46.0	10-161		14.8	30	
2-Chlorotoluene	22.9		"	50.0	0.00	45.8	14-144		0.175	49	
2-Hexanone	5.06		"	50.0	0.00	10.1	10-181		28.0	60	
4-Chlorotoluene	21.5		"	50.0	0.00	43.0	15-138		2.21	39	
4-Methyl-2-pentanone	14.4		"	50.0	0.00	28.7	10-166		20.5	47	
Acetone	21.9		"	50.0	2.67	38.5	10-196		18.5	150	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	23.0		"	50.0	0.00	46.1	13-161		11.0	48	
Benzene	30.1		"	50.0	0.00	60.1	43-139		5.34	64	
Bromobenzene	22.4		"	50.0	0.00	44.7	23-142		7.32	44	
Bromochloromethane	29.7		"	50.0	0.00	59.4	38-145		6.61	30	
Bromodichloromethane	31.2		"	50.0	0.00	62.4	38-147		5.06	37	
Bromoform	23.8		"	50.0	0.00	47.6	29-156		12.8	51	
Bromomethane	34.8		"	50.0	0.00	69.7	10-166		2.12	42	
Carbon disulfide	28.9		"	50.0	0.00	57.8	10-131		0.0346	36	
Carbon tetrachloride	30.7		"	50.0	0.00	61.4	35-145		0.130	31	
Chlorobenzene	25.9		"	50.0	0.00	51.7	21-154		6.25	32	
Chloroethane	34.2		"	50.0	0.00	68.5	15-160		0.698	40	
Chloroform	31.5		"	50.0	0.00	63.1	47-142		4.22	29	
Chloromethane	36.4		"	50.0	0.00	72.9	10-159		1.12	31	
cis-1,2-Dichloroethylene	29.1		"	50.0	0.00	58.1	42-144		4.05	30	
cis-1,3-Dichloropropylene	26.3		"	50.0	0.00	52.6	18-159		6.65	39	
Cyclohexane	27.2		"	50.0	0.00	54.4	70-130	Low Bias	2.53	30	
Dibromochloromethane	26.9		"	50.0	0.00	53.9	10-179		10.3	41	
Dibromomethane	27.9		"	50.0	0.00	55.8	47-143		8.47	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 BD20938 - EPA 5035A											
Matrix Spike Dup (BD20938-MSD1)	*Source sample: 22D0557-08 (Matrix Spike Dup)								Prepared & Analyzed: 04/15/2022		
Dichlorodifluoromethane	42.0		ug/L	50.0	0.00	84.0	10-145		0.358	34	
Diisopropyl ether (DIPE)	33.1		"	50.0	0.00	66.2	70-130	Low Bias	5.21	30	
Ethanol	ND	0.096	mg/kg dry		ND		70-130			30	
Ethyl Benzene	25.0		ug/L	50.0	0.00	50.0	11-158		2.49	42	
Ethyl tert-butyl ether (ETBE)	32.5		"	50.0	0.00	65.0	70-130	Low Bias	4.13	30	
Hexachlorobutadiene	11.5		"	50.0	0.00	22.9	10-158		13.0	45	
Iodomethane	29.3		"	50.0	0.00	58.6	70-130	Low Bias	1.79	30	
Isopropylbenzene	26.8		"	50.0	0.00	53.6	10-162		2.61	57	
Methyl acetate	32.5		"	50.0	0.00	64.9	10-149		7.27	64	
Methyl Methacrylate	35.8		"	50.0	0.00	71.6	22-162		12.4	30	
Methyl tert-butyl ether (MTBE)	32.7		"	50.0	0.00	65.3	42-152		6.91	47	
Methylcyclohexane	23.7		"	50.0	0.00	47.4	70-130	Low Bias	8.04	30	
Methylene chloride	40.6		"	50.0	20.0	41.3	28-151		2.77	49	
Naphthalene	7.15		"	50.0	0.00	14.3	10-158		19.6	95	
n-Butylbenzene	8.97		"	50.0	0.00	17.9	10-162		12.9	96	
n-Propylbenzene	22.4		"	50.0	0.00	44.7	10-155		4.67	56	
o-Xylene	25.9		"	50.0	0.00	51.9	10-158		3.97	51	
p- & m- Xylenes	47.9		"	100	0.00	47.9	10-156		3.22	47	
p-Diethylbenzene	13.0		"	50.0	0.00	26.0	10-146		9.75	39	
p-Ethyltoluene	21.4		"	50.0	0.00	42.7	10-135		2.08	40	
p-Isopropyltoluene	11.0		"	50.0	0.00	22.1	10-147		7.23	60	
sec-Butylbenzene	19.5		"	50.0	0.00	38.9	10-157		9.42	56	
Styrene	16.4		"	50.0	0.00	32.8	13-171		10.1	39	
tert-Amyl alcohol (TAA)	278		"	500	0.00	55.6	70-130	Low Bias	11.6	30	
tert-Amyl methyl ether (TAME)	31.0		"	50.0	0.00	62.0	70-130	Low Bias	6.34	30	
tert-Butyl alcohol (TBA)	141		"	250	0.00	56.5	34-179		10.5	35	
tert-Butylbenzene	23.6		"	50.0	0.00	47.3	10-160		5.56	79	
Tetrachloroethylene	21.0		"	50.0	0.00	42.1	30-167		0.190	33	
Tetrahydrofuran	28.0		"	50.0	0.00	56.1	25-160		11.3	30	
Toluene	29.3		"	50.0	0.00	58.6	21-160		3.88	50	
trans-1,2-Dichloroethylene	31.1		"	50.0	0.00	62.2	29-153		1.56	30	
trans-1,3-Dichloropropylene	22.5		"	50.0	0.00	45.1	18-155		7.88	30	
trans-1,4-dichloro-2-butene	25.2		"	50.0	0.00	50.5	17-154		10.9	30	
Trichloroethylene	30.4		"	50.0	0.00	60.9	24-169		3.42	30	
Trichlorofluoromethane	33.4		"	50.0	0.00	66.8	35-142		1.13	30	
Vinyl acetate	35.9		"	50.0	0.00	71.7	10-119		3.96	82	
Vinyl Chloride	32.4		"	50.0	0.00	64.8	12-160		0.0309	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*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 BD20981 - EPA 5035A											
Blank (BD20981-BLK1)											Prepared & Analyzed: 04/15/2022
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4,5-Tetramethylbenzene	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chloroethylvinyl ether	ND	0.020	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								

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 BD20981 - EPA 5035A											
Blank (BD20981-BLK1)											Prepared & Analyzed: 04/15/2022
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.5*	*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 BD20981 - EPA 5035A											
Blank (BD20981-BLK2)											Prepared & Analyzed: 04/15/2022
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								

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 BD20981 - EPA 5035A											
Blank (BD20981-BLK2)											Prepared & Analyzed: 04/15/2022
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.80	"								
Ethanol	ND	8.0	"								
Ethyl Benzene	ND	0.50	"								
Ethyl tert-butyl ether (ETBE)	ND	0.80	"								
Hexachlorobutadiene	ND	0.50	"								
Iodomethane	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Amyl alcohol (TAA)	ND	8.0	"								
tert-Amyl methyl ether (TAME)	ND	0.80	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	1.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*99.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.3*	*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 BD20981 - EPA 5035A											
LCS (BD20981-BS1)								Prepared & Analyzed: 04/15/2022			
1,1,1,2-Tetrachloroethane	49.8		ug/L	50.0		99.6	75-129				
1,1,1-Trichloroethane	47.0		"	50.0		94.0	71-137				
1,1,2,2-Tetrachloroethane	47.8		"	50.0		95.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.9		"	50.0		97.8	58-146				
1,1,2-Trichloroethane	46.8		"	50.0		93.6	83-123				
1,1-Dichloroethane	44.3		"	50.0		88.7	75-130				
1,1-Dichloroethylene	45.1		"	50.0		90.2	64-137				
1,1-Dichloropropylene	44.0		"	50.0		88.0	77-127				
1,2,3-Trichlorobenzene	47.8		"	50.0		95.6	81-140				
1,2,3-Trichloropropane	50.0		"	50.0		100	81-126				
1,2,4,5-Tetramethylbenzene	44.8		"	50.0		89.6	63-156				
1,2,4-Trichlorobenzene	45.5		"	50.0		91.0	80-141				
1,2,4-Trimethylbenzene	50.4		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	41.3		"	50.0		82.6	74-142				
1,2-Dibromoethane	50.3		"	50.0		101	86-123				
1,2-Dichlorobenzene	48.8		"	50.0		97.7	85-122				
1,2-Dichloroethane	45.5		"	50.0		91.1	71-133				
1,2-Dichloropropane	47.8		"	50.0		95.7	81-122				
1,3,5-Trimethylbenzene	49.6		"	50.0		99.2	82-126				
1,3-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,3-Dichloropropane	47.2		"	50.0		94.5	83-123				
1,4-Dichlorobenzene	49.6		"	50.0		99.3	84-124				
1,4-Dioxane	1150		"	1050		110	10-228				
2,2-Dichloropropane	49.0		"	50.0		98.0	67-136				
2-Butanone	44.0		"	50.0		87.9	58-147				
2-Chloroethylvinyl ether	67.0		"	50.0		134	10-166				
2-Chlorotoluene	49.4		"	50.0		98.7	78-127				
2-Hexanone	40.8		"	50.0		81.6	70-139				
4-Chlorotoluene	50.1		"	50.0		100	79-125				
4-Methyl-2-pentanone	44.0		"	50.0		88.1	72-132				
Acetone	33.3		"	50.0		66.5	36-155				
Acrolein	15.6		"	50.0		31.3	10-238				
Acrylonitrile	43.7		"	50.0		87.5	66-141				
Benzene	46.3		"	50.0		92.7	77-127				
Bromobenzene	46.4		"	50.0		92.8	77-129				
Bromochloromethane	44.0		"	50.0		87.9	74-129				
Bromodichloromethane	48.2		"	50.0		96.5	81-124				
Bromoform	42.9		"	50.0		85.8	80-136				
Bromomethane	59.6		"	50.0		119	32-177				
Carbon disulfide	49.1		"	50.0		98.2	10-136				
Carbon tetrachloride	47.6		"	50.0		95.2	66-143				
Chlorobenzene	50.1		"	50.0		100	86-120				
Chloroethane	54.8		"	50.0		110	51-142				
Chloroform	46.4		"	50.0		92.8	76-131				
Chloromethane	55.4		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	45.2		"	50.0		90.5	74-132				
cis-1,3-Dichloropropylene	44.0		"	50.0		88.0	81-129				
Cyclohexane	45.5		"	50.0		90.9	70-130				
Dibromochloromethane	42.8		"	50.0		85.5	10-200				
Dibromomethane	46.4		"	50.0		92.9	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 BD20981 - EPA 5035A											
LCS (BD20981-BS1)								Prepared & Analyzed: 04/15/2022			
Dichlorodifluoromethane	72.8		ug/L	50.0		146	28-158				
Diisopropyl ether (DIPE)	44.4		"	50.0		88.9	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	50.0		ug/L	50.0		100	84-125				
Ethyl tert-butyl ether (ETBE)	43.4		"	50.0		86.9	70-130				
Hexachlorobutadiene	48.5		"	50.0		97.1	83-133				
Iodomethane	48.5		"	50.0		97.1	70-130				
Isopropylbenzene	51.6		"	50.0		103	81-127				
Methyl acetate	43.2		"	50.0		86.3	41-143				
Methyl Methacrylate	47.8		"	50.0		95.7	79-125				
Methyl tert-butyl ether (MTBE)	46.0		"	50.0		92.0	74-131				
Methylcyclohexane	47.4		"	50.0		94.8	70-130				
Methylene chloride	44.6		"	50.0		89.2	57-141				
Naphthalene	42.9		"	50.0		85.8	86-141	Low Bias			
n-Butylbenzene	49.6		"	50.0		99.2	80-130				
n-Propylbenzene	49.9		"	50.0		99.7	74-136				
o-Xylene	52.3		"	50.0		105	83-123				
p- & m- Xylenes	103		"	100		103	82-128				
p-Diethylbenzene	50.8		"	50.0		102	70-144				
p-Ethyltoluene	51.0		"	50.0		102	84-123				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	50.6		"	50.0		101	83-125				
Styrene	50.2		"	50.0		100	86-126				
tert-Amyl alcohol (TAA)	441		"	500		88.2	70-130				
tert-Amyl methyl ether (TAME)	46.8		"	50.0		93.5	70-130				
tert-Butyl alcohol (TBA)	230		"	250		91.9	70-130				
tert-Butylbenzene	50.9		"	50.0		102	80-127				
Tetrachloroethylene	39.0		"	50.0		78.0	80-129	Low Bias			
Tetrahydrofuran	45.5		"	50.0		91.0	64-137				
Toluene	48.5		"	50.0		97.0	85-121				
trans-1,2-Dichloroethylene	45.0		"	50.0		89.9	72-132				
trans-1,3-Dichloropropylene	43.0		"	50.0		86.0	78-132				
trans-1,4-dichloro-2-butene	47.9		"	50.0		95.8	75-135				
Trichloroethylene	48.0		"	50.0		96.1	84-123				
Trichlorofluoromethane	54.1		"	50.0		108	62-140				
Vinyl acetate	42.9		"	50.0		85.8	67-136				
Vinyl Chloride	57.4		"	50.0		115	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*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 BD20981 - EPA 5035A											
Matrix Spike (BD20981-MS1)	*Source sample: 22D0337-01 (Matrix Spike)							Prepared: 04/15/2022 Analyzed: 04/16/2022			
1,1,1,2-Tetrachloroethane	26.2		ug/L	50.0	0.00	52.5	15-161				
1,1,1-Trichloroethane	28.6		"	50.0	0.00	57.3	42-145				
1,1,2,2-Tetrachloroethane	31.5		"	50.0	0.00	63.1	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	23.0		"	50.0	0.00	45.9	11-160				
1,1,2-Trichloroethane	33.6		"	50.0	0.00	67.2	44-145				
1,1-Dichloroethane	33.0		"	50.0	0.00	66.0	46-142				
1,1-Dichloroethylene	31.3		"	50.0	0.00	62.5	30-153				
1,1-Dichloropropylene	24.0		"	50.0	0.00	47.9	40-133				
1,2,3-Trichlorobenzene	8.76		"	50.0	0.00	17.5	10-157				
1,2,3-Trichloropropane	35.2		"	50.0	0.00	70.4	38-155				
1,2,4,5-Tetramethylbenzene	7.19		"	50.0	0.00	14.4	10-138				
1,2,4-Trichlorobenzene	9.24		"	50.0	0.00	18.5	10-151				
1,2,4-Trimethylbenzene	10.9		"	50.0	0.00	21.8	10-170				
1,2-Dibromo-3-chloropropane	20.5		"	50.0	0.00	40.9	36-138				
1,2-Dibromoethane	34.0		"	50.0	0.00	68.0	40-142				
1,2-Dichlorobenzene	16.4		"	50.0	0.00	32.9	10-147				
1,2-Dichloroethane	34.6		"	50.0	0.00	69.1	48-133				
1,2-Dichloropropane	34.2		"	50.0	0.00	68.3	47-141				
1,3,5-Trimethylbenzene	12.9		"	50.0	0.00	25.7	10-150				
1,3-Dichlorobenzene	15.8		"	50.0	0.00	31.7	10-144				
1,3-Dichloropropane	33.2		"	50.0	0.00	66.4	43-142				
1,4-Dichlorobenzene	16.3		"	50.0	0.00	32.7	10-160				
1,4-Dioxane	1000		"	1050	0.00	95.2	10-191				
2,2-Dichloropropane	29.2		"	50.0	0.00	58.4	38-130				
2-Butanone	26.3		"	50.0	0.00	52.5	10-189				
2-Chloroethylvinyl ether	47.4		"	50.0	0.00	94.8	10-161				
2-Chlorotoluene	17.1		"	50.0	0.00	34.2	14-144				
2-Hexanone	4.97		"	50.0	0.00	9.94	10-181	Low Bias			
4-Chlorotoluene	17.1		"	50.0	0.00	34.2	15-138				
4-Methyl-2-pentanone	13.2		"	50.0	0.00	26.4	10-166				
Acetone	27.2		"	50.0	1.52	51.4	10-196				
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias			
Acrylonitrile	33.3		"	50.0	0.00	66.6	13-161				
Benzene	31.6		"	50.0	0.00	63.1	43-139				
Bromobenzene	21.3		"	50.0	0.00	42.6	23-142				
Bromochloromethane	32.8		"	50.0	0.00	65.6	38-145				
Bromodichloromethane	31.5		"	50.0	0.00	63.0	38-147				
Bromoform	21.6		"	50.0	0.00	43.2	29-156				
Bromomethane	45.1		"	50.0	0.00	90.2	10-166				
Carbon disulfide	28.7		"	50.0	0.00	57.4	10-131				
Carbon tetrachloride	24.4		"	50.0	0.00	48.7	35-145				
Chlorobenzene	25.3		"	50.0	0.00	50.7	21-154				
Chloroethane	43.6		"	50.0	0.00	87.3	15-160				
Chloroform	33.2		"	50.0	0.00	66.4	47-142				
Chloromethane	45.0		"	50.0	0.00	90.0	10-159				
cis-1,2-Dichloroethylene	31.6		"	50.0	0.00	63.1	42-144				
cis-1,3-Dichloropropylene	26.4		"	50.0	0.00	52.8	18-159				
Cyclohexane	14.3		"	50.0	0.00	28.7	70-130	Low Bias			
Dibromochloromethane	24.7		"	50.0	0.00	49.4	10-179				
Dibromomethane	34.6		"	50.0	0.00	69.2	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 BD20981 - EPA 5035A											
Matrix Spike (BD20981-MS1)	*Source sample: 22D0337-01 (Matrix Spike)							Prepared: 04/15/2022 Analyzed: 04/16/2022			
Dichlorodifluoromethane	51.2		ug/L	50.0	0.00	102	10-145				
Diisopropyl ether (DIPE)	33.4		"	50.0	0.00	66.9	70-130	Low Bias			
Ethanol	ND	0.083	mg/kg dry		ND		70-130				
Ethyl Benzene	19.9		ug/L	50.0	0.00	39.8	11-158				
Ethyl tert-butyl ether (ETBE)	32.8		"	50.0	0.00	65.7	70-130	Low Bias			
Hexachlorobutadiene	4.76		"	50.0	0.00	9.52	10-158	Low Bias			
Iodomethane	31.5		"	50.0	0.00	62.9	70-130	Low Bias			
Isopropylbenzene	13.5		"	50.0	0.00	27.0	10-162				
Methyl acetate	29.0		"	50.0	0.00	57.9	10-149				
Methyl Methacrylate	29.3		"	50.0	0.00	58.6	22-162				
Methyl tert-butyl ether (MTBE)	35.9		"	50.0	0.00	71.8	42-152				
Methylcyclohexane	9.00		"	50.0	0.00	18.0	70-130	Low Bias			
Methylene chloride	36.0		"	50.0	4.08	63.8	28-151				
Naphthalene	7.80		"	50.0	0.00	15.6	10-158				
n-Butylbenzene	5.07		"	50.0	0.00	10.1	10-162				
n-Propylbenzene	10.4		"	50.0	0.00	20.8	10-155				
o-Xylene	20.5		"	50.0	0.00	41.1	10-158				
p- & m- Xylenes	36.6		"	100	0.00	36.6	10-156				
p-Diethylbenzene	7.73		"	50.0	0.00	15.5	10-146				
p-Ethyltoluene	14.1		"	50.0	0.00	28.3	10-135				
p-Isopropyltoluene	9.28		"	50.0	0.00	18.6	10-147				
sec-Butylbenzene	7.08		"	50.0	0.00	14.2	10-157				
Styrene	20.1		"	50.0	0.00	40.2	13-171				
tert-Amyl alcohol (TAA)	330		"	500	0.00	66.0	70-130	Low Bias			
tert-Amyl methyl ether (TAME)	34.5		"	50.0	0.00	69.0	70-130	Low Bias			
tert-Butyl alcohol (TBA)	182		"	250	0.00	72.6	34-179				
tert-Butylbenzene	12.1		"	50.0	0.00	24.3	10-160				
Tetrachloroethylene	14.8		"	50.0	0.00	29.6	30-167	Low Bias			
Tetrahydrofuran	35.4		"	50.0	0.00	70.9	25-160				
Toluene	27.1		"	50.0	0.00	54.3	21-160				
trans-1,2-Dichloroethylene	31.6		"	50.0	0.00	63.1	29-153				
trans-1,3-Dichloropropylene	24.3		"	50.0	0.00	48.6	18-155				
trans-1,4-dichloro-2-butene	29.4		"	50.0	0.00	58.9	17-154				
Trichloroethylene	27.9		"	50.0	0.00	55.7	24-169				
Trichlorofluoromethane	34.5		"	50.0	0.00	69.0	35-142				
Vinyl acetate	33.5		"	50.0	0.00	67.0	10-119				
Vinyl Chloride	44.8		"	50.0	0.00	89.7	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.8*		*"*	*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 BD20981 - EPA 5035A											
Matrix Spike Dup (BD20981-MSD1)	*Source sample: 22D0337-01 (Matrix Spike Dup)								Prepared: 04/15/2022 Analyzed: 04/16/2022		
1,1,1,2-Tetrachloroethane	30.6		ug/L	50.0	0.00	61.1	15-161		15.2	33	
1,1,1-Trichloroethane	34.2		"	50.0	0.00	68.4	42-145		17.8	30	
1,1,2,2-Tetrachloroethane	34.8		"	50.0	0.00	69.6	16-167		9.83	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	28.9		"	50.0	0.00	57.7	11-160		22.7	31	
1,1,2-Trichloroethane	36.4		"	50.0	0.00	72.8	44-145		8.11	40	
1,1-Dichloroethane	36.7		"	50.0	0.00	73.5	46-142		10.7	36	
1,1-Dichloroethylene	36.3		"	50.0	0.00	72.6	30-153		14.9	31	
1,1-Dichloropropylene	29.4		"	50.0	0.00	58.9	40-133		20.5	28	
1,2,3-Trichlorobenzene	11.1		"	50.0	0.00	22.2	10-157		23.5	47	
1,2,3-Trichloropropane	38.1		"	50.0	0.00	76.3	38-155		7.96	48	
1,2,4,5-Tetramethylbenzene	10.6		"	50.0	0.00	21.2	10-138		38.3	44	
1,2,4-Trichlorobenzene	11.7		"	50.0	0.00	23.4	10-151		23.7	52	
1,2,4-Trimethylbenzene	14.6		"	50.0	0.00	29.1	10-170		28.8	242	
1,2-Dibromo-3-chloropropane	24.0		"	50.0	0.00	48.0	36-138		16.0	54	
1,2-Dibromoethane	37.9		"	50.0	0.00	75.8	40-142		10.9	39	
1,2-Dichlorobenzene	20.2		"	50.0	0.00	40.3	10-147		20.3	52	
1,2-Dichloroethane	37.2		"	50.0	0.00	74.5	48-133		7.41	32	
1,2-Dichloropropane	37.4		"	50.0	0.00	74.7	47-141		8.92	37	
1,3,5-Trimethylbenzene	16.9		"	50.0	0.00	33.8	10-150		27.0	62	
1,3-Dichlorobenzene	19.5		"	50.0	0.00	38.9	10-144		20.4	51	
1,3-Dichloropropane	36.4		"	50.0	0.00	72.7	43-142		9.09	36	
1,4-Dichlorobenzene	20.3		"	50.0	0.00	40.5	10-160		21.5	52	
1,4-Dioxane	1090		"	1050	0.00	104	10-191		8.40	196	
2,2-Dichloropropane	35.5		"	50.0	0.00	70.9	38-130		19.4	31	
2-Butanone	28.3		"	50.0	0.00	56.6	10-189		7.51	67	
2-Chloroethylvinyl ether	52.5		"	50.0	0.00	105	10-161		10.1	30	
2-Chlorotoluene	21.4		"	50.0	0.00	42.7	14-144		22.0	49	
2-Hexanone	5.89		"	50.0	0.00	11.8	10-181		16.9	60	
4-Chlorotoluene	21.5		"	50.0	0.00	43.0	15-138		22.9	39	
4-Methyl-2-pentanone	14.1		"	50.0	0.00	28.3	10-166		6.73	47	
Acetone	29.3		"	50.0	1.52	55.6	10-196		7.47	150	
Acrolein	0.00		"	50.0	0.00		10-192	Low Bias		128	
Acrylonitrile	35.2		"	50.0	0.00	70.4	13-161		5.49	48	
Benzene	36.2		"	50.0	0.00	72.3	43-139		13.6	64	
Bromobenzene	25.9		"	50.0	0.00	51.7	23-142		19.4	44	
Bromochloromethane	36.0		"	50.0	0.00	72.0	38-145		9.31	30	
Bromodichloromethane	35.6		"	50.0	0.00	71.2	38-147		12.2	37	
Bromoform	25.9		"	50.0	0.00	51.9	29-156		18.2	51	
Bromomethane	48.6		"	50.0	0.00	97.1	10-166		7.43	42	
Carbon disulfide	35.1		"	50.0	0.00	70.1	10-131		20.0	36	
Carbon tetrachloride	30.3		"	50.0	0.00	60.7	35-145		21.9	31	
Chlorobenzene	30.5		"	50.0	0.00	60.9	21-154		18.4	32	
Chloroethane	47.5		"	50.0	0.00	95.0	15-160		8.43	40	
Chloroform	37.2		"	50.0	0.00	74.3	47-142		11.2	29	
Chloromethane	48.8		"	50.0	0.00	97.6	10-159		8.06	31	
cis-1,2-Dichloroethylene	35.7		"	50.0	0.00	71.3	42-144		12.2	30	
cis-1,3-Dichloropropylene	29.7		"	50.0	0.00	59.4	18-159		11.6	39	
Cyclohexane	20.0		"	50.0	0.00	40.1	70-130	Low Bias	33.2	30	Non-dir.
Dibromochloromethane	28.6		"	50.0	0.00	57.1	10-179		14.4	41	
Dibromomethane	37.6		"	50.0	0.00	75.3	47-143		8.47	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 BD20981 - EPA 5035A											
Matrix Spike Dup (BD20981-MSD1)	*Source sample: 22D0337-01 (Matrix Spike Dup)								Prepared: 04/15/2022 Analyzed: 04/16/2022		
Dichlorodifluoromethane	57.9		ug/L	50.0	0.00	116	10-145		12.3	34	
Diisopropyl ether (DIPE)	36.5		"	50.0	0.00	73.1	70-130		8.80	30	
Ethanol	ND	0.083	mg/kg dry		ND		70-130			30	
Ethyl Benzene	25.4		ug/L	50.0	0.00	50.7	11-158		24.0	42	
Ethyl tert-butyl ether (ETBE)	35.4		"	50.0	0.00	70.7	70-130		7.42	30	
Hexachlorobutadiene	6.21		"	50.0	0.00	12.4	10-158		26.4	45	
Iodomethane	37.3		"	50.0	0.00	74.7	70-130		17.1	30	
Isopropylbenzene	19.1		"	50.0	0.00	38.1	10-162		34.2	57	
Methyl acetate	30.1		"	50.0	0.00	60.3	10-149		4.03	64	
Methyl Methacrylate	31.6		"	50.0	0.00	63.2	22-162		7.52	30	
Methyl tert-butyl ether (MTBE)	38.7		"	50.0	0.00	77.3	42-152		7.40	47	
Methylcyclohexane	13.2		"	50.0	0.00	26.4	70-130	Low Bias	37.7	30	Non-dir.
Methylene chloride	38.9		"	50.0	4.08	69.7	28-151		7.85	49	
Naphthalene	10.5		"	50.0	0.00	21.0	10-158		29.5	95	
n-Butylbenzene	7.25		"	50.0	0.00	14.5	10-162		35.4	96	
n-Propylbenzene	14.4		"	50.0	0.00	28.8	10-155		32.3	56	
o-Xylene	26.6		"	50.0	0.00	53.3	10-158		25.9	51	
p- & m- Xylenes	46.7		"	100	0.00	46.7	10-156		24.2	47	
p-Diethylbenzene	11.0		"	50.0	0.00	21.9	10-146		34.7	39	
p-Ethyltoluene	18.5		"	50.0	0.00	37.0	10-135		26.7	40	
p-Isopropyltoluene	13.1		"	50.0	0.00	26.2	10-147		34.1	60	
sec-Butylbenzene	10.4		"	50.0	0.00	20.8	10-157		38.0	56	
Styrene	25.2		"	50.0	0.00	50.4	13-171		22.5	39	
tert-Amyl alcohol (TAA)	368		"	500	0.00	73.6	70-130		10.8	30	
tert-Amyl methyl ether (TAME)	37.6		"	50.0	0.00	75.3	70-130		8.70	30	
tert-Butyl alcohol (TBA)	202		"	250	0.00	80.6	34-179		10.5	35	
tert-Butylbenzene	17.0		"	50.0	0.00	33.9	10-160		33.1	79	
Tetrachloroethylene	19.4		"	50.0	0.00	38.8	30-167		26.7	33	
Tetrahydrofuran	36.2		"	50.0	0.00	72.4	25-160		2.12	30	
Toluene	31.9		"	50.0	0.00	63.8	21-160		16.1	50	
trans-1,2-Dichloroethylene	35.7		"	50.0	0.00	71.5	29-153		12.5	30	
trans-1,3-Dichloropropylene	27.8		"	50.0	0.00	55.7	18-155		13.7	30	
trans-1,4-dichloro-2-butene	32.4		"	50.0	0.00	64.9	17-154		9.70	30	
Trichloroethylene	33.2		"	50.0	0.00	66.4	24-169		17.5	30	
Trichlorofluoromethane	40.5		"	50.0	0.00	80.9	35-142		15.9	30	
Vinyl acetate	36.0		"	50.0	0.00	72.1	10-119		7.25	82	
Vinyl Chloride	50.0		"	50.0	0.00	99.9	12-160		10.8	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

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 BD20488 - EPA 3546 SVOA											
Blank (BD20488-BLK1)											Prepared & Analyzed: 04/08/2022
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

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 BD20488 - EPA 3546 SVOA											
Blank (BD20488-BLK1)											Prepared & Analyzed: 04/08/2022
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.40*		"	*1.66*		*84.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.33*		"	*1.66*		*80.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.759*		"	*0.831*		*91.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.626*		"	*0.831*		*75.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.47*		"	*1.66*		*88.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.710*		"	*0.831*		*85.5*	*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 BD20488 - EPA 3546 SVOA											
LCS (BD20488-BS1)							Prepared & Analyzed: 04/08/2022				
1,1-Biphenyl	0.613	0.0416	mg/kg wet	0.831		73.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.563	0.0830	"	0.831		67.8	21-131				
1,2,4-Trichlorobenzene	0.574	0.0416	"	0.831		69.2	10-140				
1,2-Dichlorobenzene	0.544	0.0416	"	0.831		65.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.558	0.0416	"	0.831		67.2	17-137				
1,3-Dichlorobenzene	0.530	0.0416	"	0.831		63.8	33-110				
1,4-Dichlorobenzene	0.554	0.0416	"	0.831		66.7	32-104				
2,3,4,6-Tetrachlorophenol	0.686	0.0830	"	0.831		82.6	30-130				
2,4,5-Trichlorophenol	0.627	0.0416	"	0.831		75.5	27-118				
2,4,6-Trichlorophenol	0.622	0.0416	"	0.831		74.9	31-120				
2,4-Dichlorophenol	0.655	0.0416	"	0.831		78.9	20-127				
2,4-Dimethylphenol	0.684	0.0416	"	0.831		82.4	14-132				
2,4-Dinitrophenol	0.987	0.0830	"	0.831		119	10-171				
2,4-Dinitrotoluene	0.776	0.0416	"	0.831		93.4	34-131				
2,6-Dinitrotoluene	0.756	0.0416	"	0.831		91.0	31-128				
2-Chloronaphthalene	0.565	0.0416	"	0.831		68.0	31-117				
2-Chlorophenol	0.589	0.0416	"	0.831		70.9	33-113				
2-Methylnaphthalene	0.597	0.0416	"	0.831		71.9	12-138				
2-Methylphenol	0.611	0.0416	"	0.831		73.6	10-136				
2-Nitroaniline	0.704	0.0830	"	0.831		84.8	27-132				
2-Nitrophenol	0.804	0.0416	"	0.831		96.8	17-129				
3- & 4-Methylphenols	0.541	0.0416	"	0.831		65.1	29-103				
3,3-Dichlorobenzidine	0.443	0.0416	"	0.831		53.3	22-149				
3-Nitroaniline	0.510	0.0830	"	0.831		61.4	20-133				
4,6-Dinitro-2-methylphenol	0.935	0.0830	"	0.831		113	10-143				
4-Bromophenyl phenyl ether	0.588	0.0416	"	0.831		70.8	29-120				
4-Chloro-3-methylphenol	0.639	0.0416	"	0.831		76.9	24-129				
4-Chloroaniline	0.327	0.0416	"	0.831		39.3	10-132				
4-Chlorophenyl phenyl ether	0.580	0.0416	"	0.831		69.9	27-124				
4-Nitroaniline	0.617	0.0830	"	0.831		74.3	16-128				
4-Nitrophenol	0.684	0.0830	"	0.831		82.4	10-141				
Acenaphthene	0.560	0.0416	"	0.831		67.5	30-121				
Acenaphthylene	0.555	0.0416	"	0.831		66.9	30-115				
Acetophenone	0.585	0.0416	"	0.831		70.5	20-112				
Aniline	0.579	0.166	"	0.831		69.7	10-119				
Anthracene	0.575	0.0416	"	0.831		69.3	34-118				
Atrazine	0.660	0.0416	"	0.831		79.5	26-112				
Benzaldehyde	0.634	0.0416	"	0.831		76.3	21-100				
Benzo(a)anthracene	0.603	0.0416	"	0.831		72.6	32-122				
Benzo(a)pyrene	0.584	0.0416	"	0.831		70.3	29-133				
Benzo(b)fluoranthene	0.617	0.0416	"	0.831		74.3	25-133				
Benzo(g,h,i)perylene	0.293	0.0416	"	0.831		35.3	10-143				
Benzo(k)fluoranthene	0.588	0.0416	"	0.831		70.8	25-128				
Benzoic acid	0.571	0.0416	"	0.831		68.8	10-140				
Benzyl alcohol	0.579	0.0416	"	0.831		69.7	30-115				
Benzyl butyl phthalate	0.594	0.0416	"	0.831		71.5	26-126				
Bis(2-chloroethoxy)methane	0.582	0.0416	"	0.831		70.1	19-132				
Bis(2-chloroethyl)ether	0.563	0.0416	"	0.831		67.8	19-125				
Bis(2-chloroisopropyl)ether	0.521	0.0416	"	0.831		62.8	20-135				
Bis(2-ethylhexyl)phthalate	0.624	0.0416	"	0.831		75.2	10-155				
Caprolactam	0.797	0.0830	"	0.831		96.0	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 BD20488 - EPA 3546 SVOA											
LCS (BD20488-BS1)							Prepared & Analyzed: 04/08/2022				
Carbazole	0.583	0.0416	mg/kg wet	0.831		70.2	35-123				
Chrysene	0.582	0.0416	"	0.831		70.1	32-123				
Dibenzo(a,h)anthracene	0.644	0.0416	"	0.831		77.5	10-136				
Dibenzofuran	0.575	0.0416	"	0.831		69.2	29-121				
Diethyl phthalate	0.565	0.0416	"	0.831		68.1	34-116				
Dimethyl phthalate	0.563	0.0416	"	0.831		67.8	35-124				
Di-n-butyl phthalate	0.598	0.0416	"	0.831		72.0	31-116				
Di-n-octyl phthalate	0.599	0.0416	"	0.831		72.1	26-136				
Fluoranthene	0.583	0.0416	"	0.831		70.2	33-122				
Fluorene	0.570	0.0416	"	0.831		68.7	29-123				
Hexachlorobenzene	0.566	0.0416	"	0.831		68.2	21-124				
Hexachlorobutadiene	0.558	0.0416	"	0.831		67.2	10-149				
Hexachlorocyclopentadiene	0.620	0.0416	"	0.831		74.6	10-129				
Hexachloroethane	0.532	0.0416	"	0.831		64.0	28-108				
Indeno(1,2,3-cd)pyrene	0.563	0.0416	"	0.831		67.8	10-135				
Isophorone	0.598	0.0416	"	0.831		72.0	20-132				
Naphthalene	0.584	0.0416	"	0.831		70.3	23-124				
Nitrobenzene	0.647	0.0416	"	0.831		77.8	13-132				
N-Nitrosodimethylamine	0.517	0.0416	"	0.831		62.2	11-129				
N-nitroso-di-n-propylamine	0.514	0.0416	"	0.831		61.9	24-119				
N-Nitrosodiphenylamine	0.702	0.0416	"	0.831		84.6	22-152				
Pentachlorophenol	0.710	0.0416	"	0.831		85.5	10-139				
Phenanthrene	0.560	0.0416	"	0.831		67.4	33-123				
Phenol	0.633	0.0416	"	0.831		76.2	23-115				
Pyrene	0.590	0.0416	"	0.831		71.1	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.28*		"	*1.66*		*77.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.26*		"	*1.66*		*75.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.676*		"	*0.831*		*81.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.586*		"	*0.831*		*70.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.43*		"	*1.66*		*86.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.623*		"	*0.831*		*75.0*	*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 BD20488 - EPA 3546 SVOA											
Matrix Spike (BD20488-MS1)	*Source sample: 22D0223-01 (Matrix Spike)							Prepared & Analyzed: 04/08/2022			
1,1-Biphenyl	0.540	0.0880	mg/kg dry	0.879	ND	61.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.484	0.176	"	0.879	ND	55.0	10-133				
1,2,4-Trichlorobenzene	0.453	0.0880	"	0.879	ND	51.5	10-127				
1,2-Dichlorobenzene	0.463	0.0880	"	0.879	ND	52.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.481	0.0880	"	0.879	ND	54.7	10-144				
1,3-Dichlorobenzene	0.447	0.0880	"	0.879	ND	50.8	11-111				
1,4-Dichlorobenzene	0.451	0.0880	"	0.879	ND	51.3	10-106				
2,3,4,6-Tetrachlorophenol	0.556	0.176	"	0.879	ND	63.3	30-130				
2,4,5-Trichlorophenol	0.603	0.0880	"	0.879	ND	68.6	10-127				
2,4,6-Trichlorophenol	0.573	0.0880	"	0.879	ND	65.2	10-132				
2,4-Dichlorophenol	0.555	0.0880	"	0.879	ND	63.1	10-128				
2,4-Dimethylphenol	0.542	0.0880	"	0.879	ND	61.6	10-137				
2,4-Dinitrophenol	0.200	0.176	"	0.879	ND	22.7	10-171				
2,4-Dinitrotoluene	0.590	0.0880	"	0.879	ND	67.0	16-135				
2,6-Dinitrotoluene	0.618	0.0880	"	0.879	ND	70.3	18-131				
2-Chloronaphthalene	0.506	0.0880	"	0.879	ND	57.5	10-129				
2-Chlorophenol	0.530	0.0880	"	0.879	ND	60.3	15-116				
2-Methylnaphthalene	0.483	0.0880	"	0.879	ND	55.0	10-147				
2-Methylphenol	0.553	0.0880	"	0.879	ND	62.9	10-136				
2-Nitroaniline	0.571	0.176	"	0.879	ND	64.9	10-137				
2-Nitrophenol	0.628	0.0880	"	0.879	ND	71.4	10-129				
3- & 4-Methylphenols	0.473	0.0880	"	0.879	ND	53.8	10-123				
3,3-Dichlorobenzidine	0.388	0.0880	"	0.879	ND	44.1	10-155				
3-Nitroaniline	0.480	0.176	"	0.879	ND	54.6	12-133				
4,6-Dinitro-2-methylphenol	0.361	0.176	"	0.879	ND	41.0	10-155				
4-Bromophenyl phenyl ether	0.500	0.0880	"	0.879	ND	56.8	14-128				
4-Chloro-3-methylphenol	0.528	0.0880	"	0.879	ND	60.0	10-134				
4-Chloroaniline	0.353	0.0880	"	0.879	ND	40.2	10-145				
4-Chlorophenyl phenyl ether	0.483	0.0880	"	0.879	ND	54.9	14-130				
4-Nitroaniline	0.466	0.176	"	0.879	ND	53.0	10-147				
4-Nitrophenol	0.555	0.176	"	0.879	ND	63.1	10-137				
Acenaphthene	0.488	0.0880	"	0.879	0.0626	48.4	10-146				
Acenaphthylene	0.473	0.0880	"	0.879	ND	53.8	10-134				
Acetophenone	0.514	0.0880	"	0.879	ND	58.5	10-116				
Aniline	0.412	0.352	"	0.879	ND	46.8	10-123				
Anthracene	0.507	0.0880	"	0.879	0.155	40.0	10-142				
Atrazine	0.570	0.0880	"	0.879	ND	64.8	19-115				
Benzaldehyde	0.553	0.0880	"	0.879	ND	62.9	10-125				
Benzo(a)anthracene	0.647	0.0880	"	0.879	0.305	38.9	10-158				
Benzo(a)pyrene	0.620	0.0880	"	0.879	0.272	39.5	10-180				
Benzo(b)fluoranthene	0.650	0.0880	"	0.879	0.219	49.0	10-200				
Benzo(g,h,i)perylene	0.602	0.0880	"	0.879	0.162	50.0	10-138				
Benzo(k)fluoranthene	0.617	0.0880	"	0.879	0.218	45.4	10-197				
Benzoic acid	0.201	0.0880	"	0.879	ND	22.9	10-166				
Benzyl alcohol	0.495	0.0880	"	0.879	ND	56.2	12-124				
Benzyl butyl phthalate	0.596	0.0880	"	0.879	ND	67.8	10-154				
Bis(2-chloroethoxy)methane	0.471	0.0880	"	0.879	ND	53.6	10-132				
Bis(2-chloroethyl)ether	0.480	0.0880	"	0.879	ND	54.6	10-119				
Bis(2-chloroisopropyl)ether	0.470	0.0880	"	0.879	ND	53.4	10-139				
Bis(2-ethylhexyl)phthalate	0.660	0.0880	"	0.879	ND	75.0	10-167				
Caprolactam	0.662	0.176	"	0.879	ND	75.3	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 BD20488 - EPA 3546 SVOA											
Matrix Spike (BD20488-MS1)	*Source sample: 22D0223-01 (Matrix Spike)							Prepared & Analyzed: 04/08/2022			
Carbazole	0.497	0.0880	mg/kg dry	0.879	0.0704	48.6	10-167				
Chrysene	0.627	0.0880	"	0.879	0.292	38.1	10-156				
Dibenzo(a,h)anthracene	0.559	0.0880	"	0.879	0.0485	58.0	10-137				
Dibenzofuran	0.479	0.0880	"	0.879	0.0605	47.6	10-147				
Diethyl phthalate	0.462	0.0880	"	0.879	ND	52.6	20-120				
Dimethyl phthalate	0.476	0.0880	"	0.879	ND	54.2	18-131				
Di-n-butyl phthalate	0.491	0.0880	"	0.879	ND	55.8	10-137				
Di-n-octyl phthalate	0.586	0.0880	"	0.879	ND	66.6	10-180				
Fluoranthene	0.622	0.0880	"	0.879	0.737	NR	10-160	Low Bias			
Fluorene	0.487	0.0880	"	0.879	0.0774	46.6	10-157				
Hexachlorobenzene	0.480	0.0880	"	0.879	ND	54.6	10-137				
Hexachlorobutadiene	0.492	0.0880	"	0.879	ND	55.9	10-132				
Hexachlorocyclopentadiene	0.320	0.0880	"	0.879	ND	36.4	10-106				
Hexachloroethane	0.441	0.0880	"	0.879	ND	50.2	10-110				
Indeno(1,2,3-cd)pyrene	0.511	0.0880	"	0.879	0.153	40.8	10-144				
Isophorone	0.495	0.0880	"	0.879	ND	56.3	10-132				
Naphthalene	0.498	0.0880	"	0.879	0.0605	49.8	10-141				
Nitrobenzene	0.528	0.0880	"	0.879	ND	60.0	10-131				
N-Nitrosodimethylamine	0.429	0.0880	"	0.879	ND	48.8	10-126				
N-nitroso-di-n-propylamine	0.466	0.0880	"	0.879	ND	53.0	10-125				
N-Nitrosodiphenylamine	0.583	0.0880	"	0.879	ND	66.2	10-177				
Pentachlorophenol	0.563	0.0880	"	0.879	ND	64.0	10-153				
Phenanthrene	0.537	0.0880	"	0.879	0.734	NR	10-148	Low Bias			
Phenol	0.559	0.0880	"	0.879	ND	63.5	10-126				
Pyrene	0.706	0.0880	"	0.879	0.680	2.96	10-165	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*1.17*		*"*	*1.76*		*66.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.16*		*"*	*1.76*		*66.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.576*		*"*	*0.879*		*65.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.522*		*"*	*0.879*		*59.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		*"*	*1.76*		*71.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.617*		*"*	*0.879*		*70.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD20488 - EPA 3546 SVOA

Matrix Spike Dup (BD20488-MSD1) *Source sample: 22D0223-01 (Matrix Spike Dup) Prepared & Analyzed: 04/08/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.514	0.0880	mg/kg dry	0.879	ND	58.4	10-130		5.07	30	
1,2,4,5-Tetrachlorobenzene	0.471	0.176	"	0.879	ND	53.5	10-133		2.80	30	
1,2,4-Trichlorobenzene	0.426	0.0880	"	0.879	ND	48.5	10-127		6.08	30	
1,2-Dichlorobenzene	0.435	0.0880	"	0.879	ND	49.5	14-111		6.11	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.466	0.0880	"	0.879	ND	53.0	10-144		3.27	30	
1,3-Dichlorobenzene	0.431	0.0880	"	0.879	ND	49.0	11-111		3.69	30	
1,4-Dichlorobenzene	0.447	0.0880	"	0.879	ND	50.8	10-106		0.940	30	
2,3,4,6-Tetrachlorophenol	0.540	0.176	"	0.879	ND	61.4	30-130		2.95	30	
2,4,5-Trichlorophenol	0.559	0.0880	"	0.879	ND	63.5	10-127		7.63	30	
2,4,6-Trichlorophenol	0.526	0.0880	"	0.879	ND	59.8	10-132		8.71	30	
2,4-Dichlorophenol	0.507	0.0880	"	0.879	ND	57.6	10-128		9.15	30	
2,4-Dimethylphenol	0.508	0.0880	"	0.879	ND	57.8	10-137		6.43	30	
2,4-Dinitrophenol	0.138	0.176	"	0.879	ND	15.7	10-171		36.7	30	Non-dir.
2,4-Dinitrotoluene	0.572	0.0880	"	0.879	ND	65.0	16-135		3.03	30	
2,6-Dinitrotoluene	0.581	0.0880	"	0.879	ND	66.1	18-131		6.22	30	
2-Chloronaphthalene	0.467	0.0880	"	0.879	ND	53.1	10-129		7.95	30	
2-Chlorophenol	0.478	0.0880	"	0.879	ND	54.4	15-116		10.3	30	
2-Methylnaphthalene	0.460	0.0880	"	0.879	ND	52.3	10-147		4.92	30	
2-Methylphenol	0.519	0.0880	"	0.879	ND	59.0	10-136		6.30	30	
2-Nitroaniline	0.549	0.176	"	0.879	ND	62.4	10-137		3.90	30	
2-Nitrophenol	0.594	0.0880	"	0.879	ND	67.5	10-129		5.64	30	
3- & 4-Methylphenols	0.425	0.0880	"	0.879	ND	48.3	10-123		10.8	30	
3,3-Dichlorobenzidine	0.407	0.0880	"	0.879	ND	46.3	10-155		4.96	30	
3-Nitroaniline	0.467	0.176	"	0.879	ND	53.1	12-133		2.67	30	
4,6-Dinitro-2-methylphenol	0.197	0.176	"	0.879	ND	22.4	10-155		58.8	30	Non-dir.
4-Bromophenyl phenyl ether	0.476	0.0880	"	0.879	ND	54.2	14-128		4.76	30	
4-Chloro-3-methylphenol	0.492	0.0880	"	0.879	ND	56.0	10-134		6.90	30	
4-Chloroaniline	0.317	0.0880	"	0.879	ND	36.0	10-145		10.9	30	
4-Chlorophenyl phenyl ether	0.452	0.0880	"	0.879	ND	51.4	14-130		6.47	30	
4-Nitroaniline	0.462	0.176	"	0.879	ND	52.6	10-147		0.758	30	
4-Nitrophenol	0.500	0.176	"	0.879	ND	56.8	10-137		10.5	30	
Acenaphthene	0.483	0.0880	"	0.879	0.0626	47.8	10-146		1.16	30	
Acenaphthylene	0.455	0.0880	"	0.879	ND	51.8	10-134		3.94	30	
Acetophenone	0.493	0.0880	"	0.879	ND	56.1	10-116		4.19	30	
Aniline	0.380	0.352	"	0.879	ND	43.2	10-123		8.00	30	
Anthracene	0.483	0.0880	"	0.879	0.155	37.4	10-142		4.69	30	
Atrazine	0.536	0.0880	"	0.879	ND	61.0	19-115		6.11	30	
Benzaldehyde	0.533	0.0880	"	0.879	ND	60.6	10-125		3.76	30	
Benzo(a)anthracene	0.600	0.0880	"	0.879	0.305	33.6	10-158		7.45	30	
Benzo(a)pyrene	0.537	0.0880	"	0.879	0.272	30.1	10-180		14.4	30	
Benzo(b)fluoranthene	0.555	0.0880	"	0.879	0.219	38.2	10-200		15.8	30	
Benzo(g,h,i)perylene	0.548	0.0880	"	0.879	0.162	43.9	10-138		9.30	30	
Benzo(k)fluoranthene	0.546	0.0880	"	0.879	0.218	37.3	10-197		12.2	30	
Benzoic acid	0.0978	0.0880	"	0.879	ND	11.1	10-166		69.2	30	Non-dir.
Benzyl alcohol	0.490	0.0880	"	0.879	ND	55.8	12-124		0.857	30	
Benzyl butyl phthalate	0.559	0.0880	"	0.879	ND	63.5	10-154		6.46	30	
Bis(2-chloroethoxy)methane	0.438	0.0880	"	0.879	ND	49.8	10-132		7.43	30	
Bis(2-chloroethyl)ether	0.455	0.0880	"	0.879	ND	51.8	10-119		5.27	30	
Bis(2-chloroisopropyl)ether	0.437	0.0880	"	0.879	ND	49.7	10-139		7.29	30	
Bis(2-ethylhexyl)phthalate	0.600	0.0880	"	0.879	ND	68.2	10-167		9.49	30	
Caprolactam	0.625	0.176	"	0.879	ND	71.0	10-132		5.80	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 BD20488 - EPA 3546 SVOA											
Matrix Spike Dup (BD20488-MSD1)	*Source sample: 22D0223-01 (Matrix Spike Dup)							Prepared & Analyzed: 04/08/2022			
Carbazole	0.474	0.0880	mg/kg dry	0.879	0.0704	45.9	10-167		4.78	30	
Chrysene	0.564	0.0880	"	0.879	0.292	31.0	10-156		10.5	30	
Dibenzo(a,h)anthracene	0.547	0.0880	"	0.879	0.0485	56.6	10-137		2.16	30	
Dibenzofuran	0.455	0.0880	"	0.879	0.0605	44.9	10-147		5.12	30	
Diethyl phthalate	0.434	0.0880	"	0.879	ND	49.4	20-120		6.28	30	
Dimethyl phthalate	0.454	0.0880	"	0.879	ND	51.6	18-131		4.84	30	
Di-n-butyl phthalate	0.468	0.0880	"	0.879	ND	53.2	10-137		4.84	30	
Di-n-octyl phthalate	0.551	0.0880	"	0.879	ND	62.6	10-180		6.19	30	
Fluoranthene	0.564	0.0880	"	0.879	0.737	NR	10-160	Low Bias	9.73	30	
Fluorene	0.466	0.0880	"	0.879	0.0774	44.2	10-157		4.43	30	
Hexachlorobenzene	0.440	0.0880	"	0.879	ND	50.0	10-137		8.72	30	
Hexachlorobutadiene	0.440	0.0880	"	0.879	ND	50.1	10-132		11.0	30	
Hexachlorocyclopentadiene	0.229	0.0880	"	0.879	ND	26.1	10-106		33.0	30	Non-dir.
Hexachloroethane	0.402	0.0880	"	0.879	ND	45.8	10-110		9.17	30	
Indeno(1,2,3-cd)pyrene	0.585	0.0880	"	0.879	0.153	49.2	10-144		13.5	30	
Isophorone	0.470	0.0880	"	0.879	ND	53.4	10-132		5.25	30	
Naphthalene	0.467	0.0880	"	0.879	0.0605	46.2	10-141		6.41	30	
Nitrobenzene	0.493	0.0880	"	0.879	ND	56.1	10-131		6.75	30	
N-Nitrosodimethylamine	0.419	0.0880	"	0.879	ND	47.6	10-126		2.49	30	
N-nitroso-di-n-propylamine	0.433	0.0880	"	0.879	ND	49.2	10-125		7.36	30	
N-Nitrosodiphenylamine	0.567	0.0880	"	0.879	ND	64.5	10-177		2.69	30	
Pentachlorophenol	0.519	0.0880	"	0.879	ND	59.0	10-153		8.20	30	
Phenanthrene	0.549	0.0880	"	0.879	0.734	NR	10-148	Low Bias	2.07	30	
Phenol	0.521	0.0880	"	0.879	ND	59.3	10-126		6.91	30	
Pyrene	0.659	0.0880	"	0.879	0.680	NR	10-165	Low Bias	6.80	30	
Surrogate: SURR: 2-Fluorophenol	*1.06*		"	*1.76*		*60.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.07*		"	*1.76*		*60.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.542*		"	*0.879*		*61.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.491*		"	*0.879*		*55.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.16*		"	*1.76*		*66.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.587*		"	*0.879*		*66.8*	*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 BD20519 - EPA 3550C											
Blank (BD20519-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared: 04/08/2022 Analyzed: 04/11/2022

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 BD20519 - EPA 3550C											
Blank (BD20519-BLK1)											
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.66*		*68.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.12*		"	*1.66*		*67.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.634*		"	*0.831*		*76.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.667*		"	*0.831*		*80.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.69*		"	*1.66*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.737*		"	*0.831*		*88.7*	*24-116*				

Prepared: 04/08/2022 Analyzed: 04/11/2022

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 BD20519 - EPA 3550C											
LCS (BD20519-BS1)									Prepared: 04/08/2022 Analyzed: 04/11/2022		
1,1-Biphenyl	0.729	0.0416	mg/kg wet	0.831		87.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.677	0.0830	"	0.831		81.6	21-131				
1,2,4-Trichlorobenzene	0.590	0.0416	"	0.831		71.0	10-140				
1,2-Dichlorobenzene	0.554	0.0416	"	0.831		66.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.591	0.0416	"	0.831		71.1	17-137				
1,3-Dichlorobenzene	0.600	0.0416	"	0.831		72.3	33-110				
1,4-Dichlorobenzene	0.597	0.0416	"	0.831		71.9	32-104				
2,3,4,6-Tetrachlorophenol	0.709	0.0830	"	0.831		85.4	30-130				
2,4,5-Trichlorophenol	0.707	0.0416	"	0.831		85.1	27-118				
2,4,6-Trichlorophenol	0.643	0.0416	"	0.831		77.4	31-120				
2,4-Dichlorophenol	0.655	0.0416	"	0.831		78.8	20-127				
2,4-Dimethylphenol	0.601	0.0416	"	0.831		72.4	14-132				
2,4-Dinitrophenol	0.760	0.0830	"	0.831		91.6	10-171				
2,4-Dinitrotoluene	0.756	0.0416	"	0.831		91.0	34-131				
2,6-Dinitrotoluene	0.785	0.0416	"	0.831		94.5	31-128				
2-Chloronaphthalene	0.689	0.0416	"	0.831		83.0	31-117				
2-Chlorophenol	0.581	0.0416	"	0.831		70.0	33-113				
2-Methylnaphthalene	0.595	0.0416	"	0.831		71.6	12-138				
2-Methylphenol	0.628	0.0416	"	0.831		75.6	10-136				
2-Nitroaniline	0.692	0.0830	"	0.831		83.3	27-132				
2-Nitrophenol	0.704	0.0416	"	0.831		84.8	17-129				
3- & 4-Methylphenols	0.575	0.0416	"	0.831		69.2	29-103				
3,3-Dichlorobenzidine	0.481	0.0416	"	0.831		57.9	22-149				
3-Nitroaniline	0.562	0.0830	"	0.831		67.7	20-133				
4,6-Dinitro-2-methylphenol	0.775	0.0830	"	0.831		93.3	10-143				
4-Bromophenyl phenyl ether	0.618	0.0416	"	0.831		74.4	29-120				
4-Chloro-3-methylphenol	0.650	0.0416	"	0.831		78.2	24-129				
4-Chloroaniline	0.423	0.0416	"	0.831		50.9	10-132				
4-Chlorophenyl phenyl ether	0.660	0.0416	"	0.831		79.4	27-124				
4-Nitroaniline	0.592	0.0830	"	0.831		71.3	16-128				
4-Nitrophenol	0.707	0.0830	"	0.831		85.1	10-141				
Acenaphthene	0.625	0.0416	"	0.831		75.2	30-121				
Acenaphthylene	0.656	0.0416	"	0.831		79.0	30-115				
Acetophenone	0.614	0.0416	"	0.831		74.0	20-112				
Aniline	0.577	0.166	"	0.831		69.5	10-119				
Anthracene	0.620	0.0416	"	0.831		74.7	34-118				
Atrazine	0.756	0.0416	"	0.831		91.0	26-112				
Benzaldehyde	0.613	0.0416	"	0.831		73.8	21-100				
Benzo(a)anthracene	0.659	0.0416	"	0.831		79.4	32-122				
Benzo(a)pyrene	0.631	0.0416	"	0.831		76.0	29-133				
Benzo(b)fluoranthene	0.715	0.0416	"	0.831		86.0	25-133				
Benzo(g,h,i)perylene	0.670	0.0416	"	0.831		80.6	10-143				
Benzo(k)fluoranthene	0.646	0.0416	"	0.831		77.7	25-128				
Benzoic acid	0.236	0.0416	"	0.831		28.4	10-140				
Benzyl alcohol	0.599	0.0416	"	0.831		72.2	30-115				
Benzyl butyl phthalate	0.672	0.0416	"	0.831		80.9	26-126				
Bis(2-chloroethoxy)methane	0.549	0.0416	"	0.831		66.0	19-132				
Bis(2-chloroethyl)ether	0.537	0.0416	"	0.831		64.7	19-125				
Bis(2-chloroisopropyl)ether	0.562	0.0416	"	0.831		67.7	20-135				
Bis(2-ethylhexyl)phthalate	0.673	0.0416	"	0.831		81.1	10-155				
Caprolactam	0.652	0.0830	"	0.831		78.5	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 BD20519 - EPA 3550C											
LCS (BD20519-BS1)								Prepared: 04/08/2022 Analyzed: 04/11/2022			
Carbazole	0.621	0.0416	mg/kg wet	0.831		74.7	35-123				
Chrysene	0.639	0.0416	"	0.831		76.9	32-123				
Dibenzo(a,h)anthracene	0.727	0.0416	"	0.831		87.5	10-136				
Dibenzofuran	0.702	0.0416	"	0.831		84.5	29-121				
Diethyl phthalate	0.659	0.0416	"	0.831		79.4	34-116				
Dimethyl phthalate	0.646	0.0416	"	0.831		77.7	35-124				
Di-n-butyl phthalate	0.621	0.0416	"	0.831		74.7	31-116				
Di-n-octyl phthalate	0.770	0.0416	"	0.831		92.7	26-136				
Fluoranthene	0.598	0.0416	"	0.831		72.0	33-122				
Fluorene	0.691	0.0416	"	0.831		83.2	29-123				
Hexachlorobenzene	0.633	0.0416	"	0.831		76.2	21-124				
Hexachlorobutadiene	0.707	0.0416	"	0.831		85.1	10-149				
Hexachlorocyclopentadiene	0.659	0.0416	"	0.831		79.3	10-129				
Hexachloroethane	0.623	0.0416	"	0.831		75.0	28-108				
Indeno(1,2,3-cd)pyrene	0.756	0.0416	"	0.831		91.1	10-135				
Isophorone	0.651	0.0416	"	0.831		78.4	20-132				
Naphthalene	0.618	0.0416	"	0.831		74.4	23-124				
Nitrobenzene	0.602	0.0416	"	0.831		72.5	13-132				
N-Nitrosodimethylamine	2.78	0.0416	"	0.831		335	11-129	High Bias			
N-nitroso-di-n-propylamine	0.575	0.0416	"	0.831		69.2	24-119				
N-Nitrosodiphenylamine	0.741	0.0416	"	0.831		89.2	22-152				
Pentachlorophenol	0.364	0.0416	"	0.831		43.8	10-139				
Phenanthrene	0.599	0.0416	"	0.831		72.1	33-123				
Phenol	0.588	0.0416	"	0.831		70.8	23-115				
Pyrene	0.619	0.0416	"	0.831		74.5	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.66*		*70.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.13*		"	*1.66*		*68.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.602*		"	*0.831*		*72.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.675*		"	*0.831*		*81.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.64*		"	*1.66*		*99.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.674*		"	*0.831*		*81.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD20519 - EPA 3550C

Matrix Spike (BD20519-MS1) *Source sample: 22D0202-05 (SB-3A) Prepared: 04/08/2022 Analyzed: 04/11/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.692	0.0900	mg/kg dry	0.900	ND	76.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.709	0.180	"	0.900	ND	78.8	10-133				
1,2,4-Trichlorobenzene	0.609	0.0900	"	0.900	ND	67.7	10-127				
1,2-Dichlorobenzene	0.595	0.0900	"	0.900	ND	66.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.571	0.0900	"	0.900	ND	63.4	10-144				
1,3-Dichlorobenzene	0.595	0.0900	"	0.900	ND	66.1	11-111				
1,4-Dichlorobenzene	0.627	0.0900	"	0.900	ND	69.7	10-106				
2,3,4,6-Tetrachlorophenol	0.692	0.180	"	0.900	ND	77.0	30-130				
2,4,5-Trichlorophenol	0.702	0.0900	"	0.900	ND	78.0	10-127				
2,4,6-Trichlorophenol	0.674	0.0900	"	0.900	ND	75.0	10-132				
2,4-Dichlorophenol	0.664	0.0900	"	0.900	ND	73.8	10-128				
2,4-Dimethylphenol	0.546	0.0900	"	0.900	ND	60.6	10-137				
2,4-Dinitrophenol	0.217	0.180	"	0.900	ND	24.1	10-171				
2,4-Dinitrotoluene	0.793	0.0900	"	0.900	ND	88.2	16-135				
2,6-Dinitrotoluene	0.767	0.0900	"	0.900	ND	85.2	18-131				
2-Chloronaphthalene	0.664	0.0900	"	0.900	ND	73.8	10-129				
2-Chlorophenol	0.615	0.0900	"	0.900	ND	68.4	15-116				
2-Methylnaphthalene	0.674	0.0900	"	0.900	ND	75.0	10-147				
2-Methylphenol	0.617	0.0900	"	0.900	ND	68.6	10-136				
2-Nitroaniline	0.762	0.180	"	0.900	ND	84.6	10-137				
2-Nitrophenol	0.715	0.0900	"	0.900	ND	79.5	10-129				
3- & 4-Methylphenols	0.572	0.0900	"	0.900	ND	63.6	10-123				
3,3-Dichlorobenzidine	0.494	0.0900	"	0.900	ND	55.0	10-155				
3-Nitroaniline	0.632	0.180	"	0.900	ND	70.2	12-133				
4,6-Dinitro-2-methylphenol	0.591	0.180	"	0.900	ND	65.7	10-155				
4-Bromophenyl phenyl ether	0.662	0.0900	"	0.900	ND	73.6	14-128				
4-Chloro-3-methylphenol	0.620	0.0900	"	0.900	ND	68.9	10-134				
4-Chloroaniline	0.420	0.0900	"	0.900	ND	46.6	10-145				
4-Chlorophenyl phenyl ether	0.661	0.0900	"	0.900	ND	73.4	14-130				
4-Nitroaniline	0.583	0.180	"	0.900	ND	64.8	10-147				
4-Nitrophenol	0.609	0.180	"	0.900	ND	67.7	10-137				
Acenaphthene	0.641	0.0900	"	0.900	ND	71.3	10-146				
Acenaphthylene	0.651	0.0900	"	0.900	ND	72.4	10-134				
Acetophenone	0.638	0.0900	"	0.900	ND	71.0	10-116				
Aniline	0.507	0.361	"	0.900	ND	56.4	10-123				
Anthracene	0.661	0.0900	"	0.900	ND	73.4	10-142				
Atrazine	0.743	0.0900	"	0.900	ND	82.6	19-115				
Benzaldehyde	0.618	0.0900	"	0.900	ND	68.7	10-125				
Benzo(a)anthracene	0.731	0.0900	"	0.900	ND	81.3	10-158				
Benzo(a)pyrene	0.690	0.0900	"	0.900	ND	76.6	10-180				
Benzo(b)fluoranthene	0.793	0.0900	"	0.900	ND	88.2	10-200				
Benzo(g,h,i)perylene	0.653	0.0900	"	0.900	ND	72.6	10-138				
Benzo(k)fluoranthene	0.697	0.0900	"	0.900	ND	77.5	10-197				
Benzoic acid	0.275	0.0900	"	0.900	ND	30.6	10-166				
Benzyl alcohol	0.557	0.0900	"	0.900	ND	61.9	12-124				
Benzyl butyl phthalate	0.683	0.0900	"	0.900	ND	75.9	10-154				
Bis(2-chloroethoxy)methane	0.600	0.0900	"	0.900	ND	66.7	10-132				
Bis(2-chloroethyl)ether	0.564	0.0900	"	0.900	ND	62.7	10-119				
Bis(2-chloroisopropyl)ether	0.556	0.0900	"	0.900	ND	61.8	10-139				
Bis(2-ethylhexyl)phthalate	0.727	0.0900	"	0.900	ND	80.8	10-167				
Caprolactam	0.635	0.180	"	0.900	ND	70.6	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 BD20519 - EPA 3550C											
Matrix Spike (BD20519-MS1)	*Source sample: 22D0202-05 (SB-3A)							Prepared: 04/08/2022 Analyzed: 04/11/2022			
Carbazole	0.601	0.0900	mg/kg dry	0.900	ND	66.8	10-167				
Chrysene	0.694	0.0900	"	0.900	ND	77.1	10-156				
Dibenzo(a,h)anthracene	0.707	0.0900	"	0.900	ND	78.6	10-137				
Dibenzofuran	0.689	0.0900	"	0.900	ND	76.6	10-147				
Diethyl phthalate	0.663	0.0900	"	0.900	ND	73.7	20-120				
Dimethyl phthalate	0.664	0.0900	"	0.900	ND	73.8	18-131				
Di-n-butyl phthalate	0.654	0.0900	"	0.900	ND	72.7	10-137				
Di-n-octyl phthalate	0.786	0.0900	"	0.900	ND	87.4	10-180				
Fluoranthene	0.650	0.0900	"	0.900	ND	72.2	10-160				
Fluorene	0.668	0.0900	"	0.900	ND	74.2	10-157				
Hexachlorobenzene	0.636	0.0900	"	0.900	ND	70.7	10-137				
Hexachlorobutadiene	0.711	0.0900	"	0.900	ND	79.0	10-132				
Hexachlorocyclopentadiene	0.493	0.0900	"	0.900	ND	54.8	10-106				
Hexachloroethane	0.605	0.0900	"	0.900	ND	67.2	10-110				
Indeno(1,2,3-cd)pyrene	0.711	0.0900	"	0.900	ND	79.0	10-144				
Isophorone	0.592	0.0900	"	0.900	ND	65.8	10-132				
Naphthalene	0.649	0.0900	"	0.900	ND	72.1	10-141				
Nitrobenzene	0.638	0.0900	"	0.900	ND	71.0	10-131				
N-Nitrosodimethylamine	2.51	0.0900	"	0.900	ND	279	10-126	High Bias			
N-nitroso-di-n-propylamine	0.593	0.0900	"	0.900	ND	65.9	10-125				
N-Nitrosodiphenylamine	0.696	0.0900	"	0.900	ND	77.4	10-177				
Pentachlorophenol	0.306	0.0900	"	0.900	ND	34.0	10-153				
Phenanthrene	0.649	0.0900	"	0.900	ND	72.2	10-148				
Phenol	0.616	0.0900	"	0.900	ND	68.5	10-126				
Pyrene	0.723	0.0900	"	0.900	ND	80.4	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.10*		*"*	*1.80*		*61.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.13*		*"*	*1.80*		*63.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.621*		*"*	*0.900*		*69.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.656*		*"*	*0.900*		*73.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.53*		*"*	*1.80*		*85.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.749*		*"*	*0.900*		*83.3*	*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 BD20519 - EPA 3550C											
Matrix Spike Dup (BD20519-MSD1)	*Source sample: 22D0202-05 (SB-3A)								Prepared: 04/08/2022 Analyzed: 04/11/2022		
1,1-Biphenyl	0.808	0.0900	mg/kg dry	0.900	ND	89.8	10-130		15.5	30	
1,2,4,5-Tetrachlorobenzene	0.735	0.180	"	0.900	ND	81.7	10-133		3.59	30	
1,2,4-Trichlorobenzene	0.707	0.0900	"	0.900	ND	78.6	10-127		14.9	30	
1,2-Dichlorobenzene	0.732	0.0900	"	0.900	ND	81.4	14-111		20.7	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.662	0.0900	"	0.900	ND	73.6	10-144		14.8	30	
1,3-Dichlorobenzene	0.806	0.0900	"	0.900	ND	89.6	11-111		30.2	30	Non-dir.
1,4-Dichlorobenzene	0.700	0.0900	"	0.900	ND	77.8	10-106		11.0	30	
2,3,4,6-Tetrachlorophenol	0.790	0.180	"	0.900	ND	87.8	30-130		13.2	30	
2,4,5-Trichlorophenol	0.810	0.0900	"	0.900	ND	90.1	10-127		14.4	30	
2,4,6-Trichlorophenol	0.803	0.0900	"	0.900	ND	89.2	10-132		17.3	30	
2,4-Dichlorophenol	0.749	0.0900	"	0.900	ND	83.2	10-128		11.9	30	
2,4-Dimethylphenol	0.661	0.0900	"	0.900	ND	73.5	10-137		19.2	30	
2,4-Dinitrophenol	0.187	0.180	"	0.900	ND	20.8	10-171		14.6	30	
2,4-Dinitrotoluene	0.909	0.0900	"	0.900	ND	101	16-135		13.6	30	
2,6-Dinitrotoluene	0.886	0.0900	"	0.900	ND	98.5	18-131		14.5	30	
2-Chloronaphthalene	0.749	0.0900	"	0.900	ND	83.3	10-129		12.1	30	
2-Chlorophenol	0.778	0.0900	"	0.900	ND	86.5	15-116		23.3	30	
2-Methylnaphthalene	0.733	0.0900	"	0.900	ND	81.5	10-147		8.38	30	
2-Methylphenol	0.772	0.0900	"	0.900	ND	85.8	10-136		22.4	30	
2-Nitroaniline	0.798	0.180	"	0.900	ND	88.7	10-137		4.71	30	
2-Nitrophenol	0.759	0.0900	"	0.900	ND	84.4	10-129		5.95	30	
3- & 4-Methylphenols	0.663	0.0900	"	0.900	ND	73.7	10-123		14.7	30	
3,3-Dichlorobenzidine	0.569	0.0900	"	0.900	ND	63.2	10-155		13.9	30	
3-Nitroaniline	0.720	0.180	"	0.900	ND	80.1	12-133		13.1	30	
4,6-Dinitro-2-methylphenol	0.682	0.180	"	0.900	ND	75.8	10-155		14.3	30	
4-Bromophenyl phenyl ether	0.789	0.0900	"	0.900	ND	87.7	14-128		17.5	30	
4-Chloro-3-methylphenol	0.783	0.0900	"	0.900	ND	87.0	10-134		23.3	30	
4-Chloroaniline	0.475	0.0900	"	0.900	ND	52.8	10-145		12.4	30	
4-Chlorophenyl phenyl ether	0.763	0.0900	"	0.900	ND	84.8	14-130		14.4	30	
4-Nitroaniline	0.668	0.180	"	0.900	ND	74.2	10-147		13.6	30	
4-Nitrophenol	0.702	0.180	"	0.900	ND	78.0	10-137		14.2	30	
Acenaphthene	0.718	0.0900	"	0.900	ND	79.8	10-146		11.2	30	
Acenaphthylene	0.766	0.0900	"	0.900	ND	85.1	10-134		16.2	30	
Acetophenone	0.796	0.0900	"	0.900	ND	88.5	10-116		22.0	30	
Aniline	0.657	0.361	"	0.900	ND	73.0	10-123		25.7	30	
Anthracene	0.762	0.0900	"	0.900	ND	84.7	10-142		14.3	30	
Atrazine	0.888	0.0900	"	0.900	ND	98.7	19-115		17.8	30	
Benzaldehyde	0.794	0.0900	"	0.900	ND	88.2	10-125		24.9	30	
Benzo(a)anthracene	0.837	0.0900	"	0.900	ND	93.0	10-158		13.5	30	
Benzo(a)pyrene	0.831	0.0900	"	0.900	ND	92.3	10-180		18.6	30	
Benzo(b)fluoranthene	0.933	0.0900	"	0.900	ND	104	10-200		16.2	30	
Benzo(g,h,i)perylene	0.776	0.0900	"	0.900	ND	86.2	10-138		17.2	30	
Benzo(k)fluoranthene	0.862	0.0900	"	0.900	ND	95.8	10-197		21.1	30	
Benzoic acid	0.260	0.0900	"	0.900	ND	28.9	10-166		5.65	30	
Benzyl alcohol	0.773	0.0900	"	0.900	ND	85.9	12-124		32.5	30	Non-dir.
Benzyl butyl phthalate	0.846	0.0900	"	0.900	ND	94.1	10-154		21.4	30	
Bis(2-chloroethoxy)methane	0.664	0.0900	"	0.900	ND	73.8	10-132		10.1	30	
Bis(2-chloroethyl)ether	0.741	0.0900	"	0.900	ND	82.4	10-119		27.1	30	
Bis(2-chloroisopropyl)ether	0.736	0.0900	"	0.900	ND	81.8	10-139		28.0	30	
Bis(2-ethylhexyl)phthalate	0.905	0.0900	"	0.900	ND	101	10-167		21.8	30	
Caprolactam	0.747	0.180	"	0.900	ND	83.0	10-132		16.2	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 BD20519 - EPA 3550C											
Matrix Spike Dup (BD20519-MSD1)	*Source sample: 22D0202-05 (SB-3A)								Prepared: 04/08/2022 Analyzed: 04/11/2022		
Carbazole	0.724	0.0900	mg/kg dry	0.900	ND	80.5	10-167		18.6	30	
Chrysene	0.836	0.0900	"	0.900	ND	92.9	10-156		18.5	30	
Dibenzo(a,h)anthracene	0.877	0.0900	"	0.900	ND	97.4	10-137		21.5	30	
Dibenzofuran	0.728	0.0900	"	0.900	ND	80.9	10-147		5.49	30	
Diethyl phthalate	0.794	0.0900	"	0.900	ND	88.2	20-120		18.0	30	
Dimethyl phthalate	0.805	0.0900	"	0.900	ND	89.5	18-131		19.3	30	
Di-n-butyl phthalate	0.747	0.0900	"	0.900	ND	83.0	10-137		13.3	30	
Di-n-octyl phthalate	0.971	0.0900	"	0.900	ND	108	10-180		21.1	30	
Fluoranthene	0.804	0.0900	"	0.900	ND	89.4	10-160		21.2	30	
Fluorene	0.811	0.0900	"	0.900	ND	90.2	10-157		19.4	30	
Hexachlorobenzene	0.748	0.0900	"	0.900	ND	83.1	10-137		16.1	30	
Hexachlorobutadiene	0.825	0.0900	"	0.900	ND	91.7	10-132		14.8	30	
Hexachlorocyclopentadiene	0.566	0.0900	"	0.900	ND	62.9	10-106		13.7	30	
Hexachloroethane	0.831	0.0900	"	0.900	ND	92.4	10-110		31.6	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.899	0.0900	"	0.900	ND	99.9	10-144		23.3	30	
Isophorone	0.710	0.0900	"	0.900	ND	79.0	10-132		18.1	30	
Naphthalene	0.743	0.0900	"	0.900	ND	82.6	10-141		13.6	30	
Nitrobenzene	0.663	0.0900	"	0.900	ND	73.7	10-131		3.76	30	
N-Nitrosodimethylamine	3.18	0.0900	"	0.900	ND	354	10-126	High Bias	23.6	30	
N-nitroso-di-n-propylamine	0.747	0.0900	"	0.900	ND	83.0	10-125		23.0	30	
N-Nitrosodiphenylamine	0.833	0.0900	"	0.900	ND	92.6	10-177		17.9	30	
Pentachlorophenol	0.384	0.0900	"	0.900	ND	42.7	10-153		22.7	30	
Phenanthrene	0.759	0.0900	"	0.900	ND	84.4	10-148		15.6	30	
Phenol	0.721	0.0900	"	0.900	ND	80.2	10-126		15.7	30	
Pyrene	0.823	0.0900	"	0.900	ND	91.5	10-165		12.9	30	
Surrogate: SURR: 2-Fluorophenol	*1.43*		"	*1.80*		*79.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.38*		"	*1.80*		*76.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.674*		"	*0.900*		*74.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.744*		"	*0.900*		*82.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.80*		*99.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.815*		"	*0.900*		*90.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - 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 BD20683 - EPA 3550C											
Blank (BD20683-BLK1)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*317*		*"*	*495*		*64.0*	*39-127.5*				
LCS (BD20683-BS1)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
1,4-Dioxane	509	19.8	ug/kg	495		103	40-130				
Surrogate: 1,4-Dioxane-d8	*347*		*"*	*495*		*70.0*	*39-127.5*				
Matrix Spike (BD20683-MS1)	*Source sample: 22D0202-03 (SB-2A)								Prepared: 04/12/2022 Analyzed: 04/13/2022		
1,4-Dioxane	471	19.8	ug/kg	495	ND	95.2	40-130				
Surrogate: 1,4-Dioxane-d8	*406*		*"*	*495*		*82.0*	*40-130*				
Matrix Spike Dup (BD20683-MSD1)	*Source sample: 22D0202-03 (SB-2A)								Prepared: 04/12/2022 Analyzed: 04/13/2022		
1,4-Dioxane	483	19.8	ug/kg	495	ND	97.6	40-130		2.49	30	
Surrogate: 1,4-Dioxane-d8	*406*		*"*	*495*		*82.0*	*40-130*				
Batch BD20752 - EPA 3535A											
Blank (BD20752-BLK1)									Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*36.6-118*				
LCS (BD20752-BS1)									Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	4.50	0.300	ug/L	4.00		112	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				
Matrix Spike (BD20752-MS1)	*Source sample: 22D0202-16 (Field Blank)								Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	4.18	0.300	ug/L	4.00	ND	104	50-130				
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - 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 BD20752 - EPA 3535A											
Matrix Spike Dup (BD20752-MSD1)	*Source sample: 22D0202-16 (Field Blank)								Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	4.45	0.300	ug/L	4.00	ND	111	50-130		6.31	30	
Surrogate: 1,4-Dioxane-d8	*2.88*		*"*	*4.00*		*72.0*	*50-130*				

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 BD20511 - SPE Ext-PFAS-EPA 537.1M											
Blank (BD20511-BLK1)											
Prepared: 04/08/2022 Analyzed: 04/11/2022											
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	*67.9*		"	*74.3*		*91.3*	*25-150*				
Surrogate: M5PFHxA	*71.6*		"	*80.0*		*89.4*	*25-150*				
Surrogate: M4PFHpA	*72.9*		"	*80.0*		*91.2*	*25-150*				
Surrogate: M3PFHxS	*74.1*		"	*75.7*		*98.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*77.3*		"	*80.0*		*96.7*	*25-150*				
Surrogate: M6PFDA	*76.7*		"	*80.0*		*95.8*	*25-150*				
Surrogate: M7PFUdA	*70.0*		"	*80.0*		*87.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.3*		"	*80.0*		*82.8*	*25-150*				
Surrogate: M2PFTeDA	*48.6*		"	*80.0*		*60.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*73.7*		"	*80.0*		*92.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.9*		"	*76.6*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*69.9*		"	*80.0*		*87.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*8.97*		"	*80.0*		*11.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.5*		"	*80.0*		*74.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*72.7*		"	*80.0*		*90.9*	*25-150*				
Surrogate: M2-6:2 FTS	*70.8*		"	*75.9*		*93.3*	*25-200*				
Surrogate: M2-8:2 FTS	*86.8*		"	*76.6*		*113*	*25-200*				
Surrogate: M9PFNA	*74.8*		"	*80.0*		*93.5*	*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 BD20511 - SPE Ext-PFAS-EPA 537.1M											
LCS (BD20511-BS1)									Prepared: 04/08/2022 Analyzed: 04/11/2022		
Perfluorobutanesulfonic acid (PFBS)	72.8	2.00	ng/L	70.8		103	50-130				
Perfluorohexanoic acid (PFHxA)	81.3	2.00	"	80.0		102	50-130				
Perfluoroheptanoic acid (PFHpA)	79.1	2.00	"	80.0		98.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	71.1	2.00	"	72.8		97.7	50-130				
Perfluorooctanoic acid (PFOA)	84.5	2.00	"	80.0		106	50-130				
Perfluorooctanesulfonic acid (PFOS)	80.8	2.00	"	74.0		109	50-130				
Perfluorononanoic acid (PFNA)	76.6	2.00	"	80.0		95.7	50-130				
Perfluorodecanoic acid (PFDA)	82.8	2.00	"	80.0		103	50-130				
Perfluoroundecanoic acid (PFUnA)	84.7	2.00	"	80.0		106	50-130				
Perfluorododecanoic acid (PFDoA)	81.4	2.00	"	80.0		102	50-130				
Perfluorotridecanoic acid (PFTrDA)	93.4	2.00	"	80.0		117	50-130				
Perfluorotetradecanoic acid (PFTA)	83.1	2.00	"	80.0		104	50-130				
N-MeFOSAA	85.3	2.00	"	80.0		107	50-130				
N-EtFOSAA	75.9	2.00	"	80.0		94.9	50-130				
Perfluoropentanoic acid (PFPeA)	84.3	2.00	"	80.0		105	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	90.3	2.00	"	80.0		113	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	76.9	2.00	"	76.4		101	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	78.1	2.00	"	77.2		101	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	102	5.00	"	76.0		134	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	70.7	2.00	"	76.8		92.0	50-175				
Perfluoro-n-butanoic acid (PFBA)	82.8	2.00	"	80.0		104	50-130				
Surrogate: M3PFBS	*64.8*		"	*74.3*		*87.2*	*25-150*				
Surrogate: M5PFHxA	*67.2*		"	*80.0*		*84.0*	*25-150*				
Surrogate: M4PFHpA	*69.3*		"	*80.0*		*86.7*	*25-150*				
Surrogate: M3PFHxS	*71.2*		"	*75.7*		*94.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*69.9*		"	*80.0*		*87.4*	*25-150*				
Surrogate: M6PFDA	*70.1*		"	*80.0*		*87.6*	*25-150*				
Surrogate: M7PFUdA	*68.0*		"	*80.0*		*85.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*67.5*		"	*80.0*		*84.4*	*25-150*				
Surrogate: M2PFTeDA	*52.7*		"	*80.0*		*65.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*68.6*		"	*80.0*		*85.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*69.0*		"	*76.6*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*66.5*		"	*80.0*		*83.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.9*		"	*80.0*		*18.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.2*		"	*80.0*		*74.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*66.5*		"	*80.0*		*83.1*	*25-150*				
Surrogate: M2-6:2 FTS	*57.3*		"	*75.9*		*75.4*	*25-200*				
Surrogate: M2-8:2 FTS	*87.3*		"	*76.6*		*114*	*25-200*				
Surrogate: M9PFNA	*74.5*		"	*80.0*		*93.1*	*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 BD20511 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BD20511-BSD1)								Prepared: 04/08/2022 Analyzed: 04/11/2022			
Perfluorobutanesulfonic acid (PFBS)	70.5	2.00	ng/L	70.8		99.5	50-130		3.23	30	
Perfluorohexanoic acid (PFHxA)	80.7	2.00	"	80.0		101	50-130		0.805	30	
Perfluoroheptanoic acid (PFHpA)	77.8	2.00	"	80.0		97.3	50-130		1.64	30	
Perfluorohexanesulfonic acid (PFHxS)	77.0	2.00	"	72.8		106	50-130		7.91	30	
Perfluorooctanoic acid (PFOA)	79.5	2.00	"	80.0		99.4	50-130		6.03	30	
Perfluorooctanesulfonic acid (PFOS)	74.1	2.00	"	74.0		100	50-130		8.61	30	
Perfluorononanoic acid (PFNA)	81.0	2.00	"	80.0		101	50-130		5.63	30	
Perfluorodecanoic acid (PFDA)	75.0	2.00	"	80.0		93.8	50-130		9.81	30	
Perfluoroundecanoic acid (PFUnA)	77.8	2.00	"	80.0		97.3	50-130		8.51	30	
Perfluorododecanoic acid (PFDoA)	78.8	2.00	"	80.0		98.5	50-130		3.19	30	
Perfluorotridecanoic acid (PFTrDA)	114	2.00	"	80.0		143	50-130	High Bias	19.9	30	
Perfluorotetradecanoic acid (PFTA)	86.5	2.00	"	80.0		108	50-130		3.94	30	
N-MeFOSAA	87.0	2.00	"	80.0		109	50-130		1.95	30	
N-EtFOSAA	77.5	2.00	"	80.0		96.8	50-130		2.04	30	
Perfluoropentanoic acid (PFPeA)	82.1	2.00	"	80.0		103	50-130		2.73	30	
Perfluoro-1-octanesulfonamide (FOSA)	81.7	2.00	"	80.0		102	50-130		9.94	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	67.6	2.00	"	76.4		88.4	50-130		12.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	68.4	2.00	"	77.2		88.6	50-130		13.2	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	106	5.00	"	76.0		140	50-175		4.13	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	76.9	2.00	"	76.8		100	50-175		8.44	30	
Perfluoro-n-butanoic acid (PFBA)	81.0	2.00	"	80.0		101	50-130		2.18	30	
Surrogate: M3PFBS	*70.3*		"	*74.3*		*94.6*	*25-150*				
Surrogate: M5PFHxA	*75.2*		"	*80.0*		*94.0*	*25-150*				
Surrogate: M4PFHpA	*78.0*		"	*80.0*		*97.5*	*25-150*				
Surrogate: M3PFHxS	*71.5*		"	*75.7*		*94.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*80.1*		"	*80.0*		*100*	*25-150*				
Surrogate: M6PFDA	*77.9*		"	*80.0*		*97.4*	*25-150*				
Surrogate: M7PFUdA	*75.3*		"	*80.0*		*94.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*74.3*		"	*80.0*		*92.9*	*25-150*				
Surrogate: M2PFTeDA	*52.2*		"	*80.0*		*65.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*76.5*		"	*80.0*		*95.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*83.6*		"	*76.6*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*75.1*		"	*80.0*		*93.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.3*		"	*80.0*		*19.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*63.2*		"	*80.0*		*79.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*68.3*		"	*80.0*		*85.4*	*25-150*				
Surrogate: M2-6:2 FTS	*59.1*		"	*75.9*		*77.9*	*25-200*				
Surrogate: M2-8:2 FTS	*74.1*		"	*76.6*		*96.7*	*25-200*				
Surrogate: M9PFNA	*75.4*		"	*80.0*		*94.3*	*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 BD20542 - SPE PFAS Extraction-Soil-EPA 537m											
Blank (BD20542-BLK1)											
Prepared: 04/08/2022 Analyzed: 04/13/2022											
Perfluorobutanesulfonic acid (PFBS)	ND	0.243	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.243	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.243	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.243	"								
Perfluorooctanoic acid (PFOA)	ND	0.243	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.243	"								
Perfluorononanoic acid (PFNA)	ND	0.243	"								
Perfluorodecanoic acid (PFDA)	ND	0.243	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.243	"								
Perfluorododecanoic acid (PFDoA)	ND	0.243	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.243	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.243	"								
N-MeFOSAA	ND	0.243	"								
N-EtFOSAA	ND	0.243	"								
Perfluoropentanoic acid (PFPeA)	ND	0.243	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.243	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.243	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.243	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.243	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.243	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.243	"								
Surrogate: M3PFBS	*4.41*		"	*4.52*		*97.5*	*25-150*				
Surrogate: M5PFHxA	*4.78*		"	*4.87*		*98.3*	*25-150*				
Surrogate: M4PFHpA	*4.82*		"	*4.87*		*99.0*	*25-150*				
Surrogate: M3PFHxS	*4.54*		"	*4.60*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.36*		"	*4.87*		*89.5*	*25-150*				
Surrogate: M6PFDA	*4.25*		"	*4.87*		*87.4*	*25-150*				
Surrogate: M7PFUdA	*4.00*		"	*4.87*		*82.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.58*		"	*4.87*		*73.6*	*25-150*				
Surrogate: M2PFTeDA	*4.61*		"	*4.87*		*94.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.77*		"	*4.87*		*98.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.12*		"	*4.66*		*88.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.46*		"	*4.87*		*91.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.65*		"	*4.87*		*74.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.27*		"	*4.87*		*87.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.56*		"	*4.87*		*93.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.51*		"	*4.62*		*97.7*	*25-200*				
Surrogate: M2-8:2 FTS	*6.01*		"	*4.66*		*129*	*25-200*				
Surrogate: M9PFNA	*4.03*		"	*4.87*		*82.8*	*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 BD20542 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BD20542-BS1)								Prepared: 04/08/2022 Analyzed: 04/13/2022			
Perfluorobutanesulfonic acid (PFBS)	4.26	0.239	ug/kg wet	4.23		101	50-130				
Perfluorohexanoic acid (PFHxA)	4.82	0.239	"	4.78		101	50-130				
Perfluoroheptanoic acid (PFHpA)	4.85	0.239	"	4.78		101	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.64	0.239	"	4.35		107	50-130				
Perfluorooctanoic acid (PFOA)	5.19	0.239	"	4.78		109	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.62	0.239	"	4.42		105	50-130				
Perfluorononanoic acid (PFNA)	4.75	0.239	"	4.78		99.4	50-130				
Perfluorodecanoic acid (PFDA)	4.78	0.239	"	4.78		100	50-130				
Perfluoroundecanoic acid (PFUnA)	5.07	0.239	"	4.78		106	50-130				
Perfluorododecanoic acid (PFDoA)	4.66	0.239	"	4.78		97.4	50-130				
Perfluorotridecanoic acid (PFTrDA)	4.87	0.239	"	4.78		102	50-130				
Perfluorotetradecanoic acid (PFTA)	4.81	0.239	"	4.78		101	50-130				
N-MeFOSAA	5.07	0.239	"	4.78		106	50-130				
N-EtFOSAA	4.45	0.239	"	4.78		93.0	50-130				
Perfluoropentanoic acid (PFPeA)	5.14	0.239	"	4.78		108	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	5.14	0.239	"	4.78		107	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.29	0.239	"	4.57		116	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.51	0.239	"	4.61		97.8	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.80	0.239	"	4.54		106	50-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.57	0.239	"	4.59		99.7	50-200				
Perfluoro-n-butanoic acid (PFBA)	4.88	0.239	"	4.78		102	50-130				
Surrogate: M3PFBS	*3.88*		*"*	*4.44*		*87.3*	*25-150*				
Surrogate: M5PFHxA	*4.15*		*"*	*4.78*		*86.8*	*25-150*				
Surrogate: M4PFHpA	*4.08*		*"*	*4.78*		*85.3*	*25-150*				
Surrogate: M3PFHxS	*3.91*		*"*	*4.52*		*86.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.92*		*"*	*4.78*		*82.0*	*25-150*				
Surrogate: M6PFDA	*3.83*		*"*	*4.78*		*80.0*	*25-150*				
Surrogate: M7PFUdA	*3.42*		*"*	*4.78*		*71.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.11*		*"*	*4.78*		*65.0*	*25-150*				
Surrogate: M2PFTeDA	*3.30*		*"*	*4.78*		*69.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.27*		*"*	*4.78*		*89.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.65*		*"*	*4.58*		*79.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.94*		*"*	*4.78*		*82.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.93*		*"*	*4.78*		*61.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.46*		*"*	*4.78*		*72.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.74*		*"*	*4.78*		*78.3*	*25-150*				
Surrogate: M2-6:2 FTS	*4.09*		*"*	*4.54*		*90.0*	*25-200*				
Surrogate: M2-8:2 FTS	*4.58*		*"*	*4.58*		*100*	*25-200*				
Surrogate: M9PFNA	*3.76*		*"*	*4.78*		*78.7*	*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 BD20542 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BD20542-MS1)	*Source sample: 22D0202-04 (SB-2B)							Prepared: 04/08/2022 Analyzed: 04/13/2022			
Perfluorobutanesulfonic acid (PFBS)	4.78	0.276	ug/kg dry	4.88	ND	97.9	25-150				
Perfluorohexanoic acid (PFHxA)	5.46	0.276	"	5.52	ND	99.0	25-150				
Perfluoroheptanoic acid (PFHpA)	5.00	0.276	"	5.52	ND	90.5	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.92	0.276	"	5.02	ND	98.0	25-150				
Perfluorooctanoic acid (PFOA)	6.05	0.276	"	5.52	ND	110	25-150				
Perfluorooctanesulfonic acid (PFOS)	5.01	0.276	"	5.10	ND	98.1	25-150				
Perfluorononanoic acid (PFNA)	5.45	0.276	"	5.52	ND	98.8	25-150				
Perfluorodecanoic acid (PFDA)	5.37	0.276	"	5.52	ND	97.4	25-150				
Perfluoroundecanoic acid (PFUnA)	5.72	0.276	"	5.52	ND	104	25-150				
Perfluorododecanoic acid (PFDoA)	4.98	0.276	"	5.52	ND	90.2	25-150				
Perfluorotridecanoic acid (PFTrDA)	6.08	0.276	"	5.52	ND	110	25-150				
Perfluorotetradecanoic acid (PFTA)	5.17	0.276	"	5.52	ND	93.6	25-150				
N-MeFOSAA	5.18	0.276	"	5.52	ND	93.8	25-150				
N-EtFOSAA	5.28	0.276	"	5.52	ND	95.7	25-150				
Perfluoropentanoic acid (PFPeA)	5.66	0.276	"	5.52	ND	103	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.75	0.276	"	5.52	ND	104	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.50	0.276	"	5.27	ND	104	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.29	0.276	"	5.32	ND	80.5	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	5.15	0.276	"	5.24	ND	98.2	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.11	0.276	"	5.30	ND	96.6	25-200				
Perfluoro-n-butanoic acid (PFBA)	5.39	0.276	"	5.52	ND	97.8	25-150				
Surrogate: M3PFBS	*4.83*		*"*	*5.13*		*94.3*	*25-150*				
Surrogate: M5PFHxA	*5.38*		*"*	*5.52*		*97.5*	*25-150*				
Surrogate: M4PFHpA	*5.73*		*"*	*5.52*		*104*	*25-150*				
Surrogate: M3PFHxS	*5.11*		*"*	*5.22*		*97.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.96*		*"*	*5.52*		*89.9*	*25-150*				
Surrogate: M6PFDA	*4.55*		*"*	*5.52*		*82.4*	*25-150*				
Surrogate: M7PFUdA	*4.00*		*"*	*5.52*		*72.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.83*		*"*	*5.52*		*69.5*	*25-150*				
Surrogate: M2PFTeDA	*3.27*		*"*	*5.52*		*59.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.59*		*"*	*5.52*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.63*		*"*	*5.28*		*87.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.26*		*"*	*5.52*		*95.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.80*		*"*	*5.52*		*68.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.34*		*"*	*5.52*		*78.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*5.52*		*77.4*	*25-150*				
Surrogate: M2-6:2 FTS	*5.30*		*"*	*5.24*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*5.23*		*"*	*5.29*		*98.9*	*25-200*				
Surrogate: M9PFNA	*4.39*		*"*	*5.52*		*79.6*	*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 BD20542 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BD20542-MSD1)	*Source sample: 22D0202-04 (SB-2B)								Prepared: 04/08/2022 Analyzed: 04/13/2022		
Perfluorobutanesulfonic acid (PFBS)	4.83	0.270	ug/kg dry	4.78	ND	101	25-150		0.984	35	
Perfluorohexanoic acid (PFHxA)	5.32	0.270	"	5.40	ND	98.5	25-150		2.60	35	
Perfluoroheptanoic acid (PFHpA)	5.77	0.270	"	5.40	ND	107	25-150		14.4	35	
Perfluorohexanesulfonic acid (PFHxS)	5.07	0.270	"	4.91	ND	103	25-150		2.97	35	
Perfluorooctanoic acid (PFOA)	6.17	0.270	"	5.40	ND	114	25-150		1.92	35	
Perfluorooctanesulfonic acid (PFOS)	4.63	0.270	"	5.00	ND	92.6	25-150		7.89	35	
Perfluorononanoic acid (PFNA)	5.26	0.270	"	5.40	ND	97.3	25-150		3.62	35	
Perfluorodecanoic acid (PFDA)	5.54	0.270	"	5.40	ND	103	25-150		3.17	35	
Perfluoroundecanoic acid (PFUnA)	5.77	0.270	"	5.40	ND	107	25-150		0.895	35	
Perfluorododecanoic acid (PFDoA)	5.69	0.270	"	5.40	ND	105	25-150		13.3	35	
Perfluorotridecanoic acid (PFTrDA)	5.79	0.270	"	5.40	ND	107	25-150		4.94	35	
Perfluorotetradecanoic acid (PFTA)	4.89	0.270	"	5.40	ND	90.6	25-150		5.40	35	
N-MeFOSAA	5.51	0.270	"	5.40	ND	102	25-150		6.18	35	
N-EtFOSAA	5.48	0.270	"	5.40	ND	101	25-150		3.69	35	
Perfluoropentanoic acid (PFPeA)	5.73	0.270	"	5.40	ND	106	25-150		1.22	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.76	0.270	"	5.40	ND	107	25-150		0.106	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.09	0.270	"	5.16	ND	98.6	25-150		7.81	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.58	0.270	"	5.21	ND	87.8	25-150		6.55	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.73	0.270	"	5.13	ND	92.2	25-200		8.50	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	6.38	0.270	"	5.18	ND	123	25-200		22.1	35	
Perfluoro-n-butanoic acid (PFBA)	5.55	0.270	"	5.40	ND	103	25-150		2.87	35	
Surrogate: M3PFBS	*4.18*		"	*5.02*		*83.4*	*25-150*				
Surrogate: M5PFHxA	*4.75*		"	*5.40*		*87.9*	*25-150*				
Surrogate: M4PFHpA	*4.45*		"	*5.40*		*82.4*	*25-150*				
Surrogate: M3PFHxS	*4.29*		"	*5.11*		*83.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.06*		"	*5.40*		*75.2*	*25-150*				
Surrogate: M6PFDA	*4.05*		"	*5.40*		*75.1*	*25-150*				
Surrogate: M7PFUdA	*3.68*		"	*5.40*		*68.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.47*		"	*5.40*		*64.3*	*25-150*				
Surrogate: M2PFTeDA	*4.11*		"	*5.40*		*76.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.73*		"	*5.40*		*87.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.34*		"	*5.17*		*84.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.34*		"	*5.40*		*80.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.34*		"	*5.40*		*61.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.65*		"	*5.40*		*67.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.60*		"	*5.40*		*66.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.53*		"	*5.13*		*88.3*	*25-200*				
Surrogate: M2-8:2 FTS	*4.06*		"	*5.17*		*78.5*	*25-200*				
Surrogate: M9PFNA	*4.04*		"	*5.40*		*74.7*	*25-150*				

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 BD20405 - EPA 3550C											
Blank (BD20405-BLK1)											Prepared: 04/07/2022 Analyzed: 04/10/2022
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0682*		*"*	*0.0664*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0606*		*"*	*0.0664*		*91.2*	*30-150*				
LCS (BD20405-BS1)											Prepared: 04/07/2022 Analyzed: 04/10/2022
4,4'-DDD	0.0379	0.00164	mg/kg wet	0.0332		114	40-140				
4,4'-DDE	0.0253	0.00164	"	0.0332		76.1	40-140				
4,4'-DDT	0.0161	0.00164	"	0.0332		48.3	40-140				
Aldrin	0.0365	0.00164	"	0.0332		110	40-140				
alpha-BHC	0.0411	0.00164	"	0.0332		124	40-140				
alpha-Chlordane	0.0360	0.00164	"	0.0332		108	40-140				
beta-BHC	0.0349	0.00164	"	0.0332		105	40-140				
delta-BHC	0.0295	0.00164	"	0.0332		88.9	40-140				
Dieldrin	0.0353	0.00164	"	0.0332		106	40-140				
Endosulfan I	0.0440	0.00164	"	0.0332		133	40-140				
Endosulfan II	0.0341	0.00164	"	0.0332		103	40-140				
Endosulfan sulfate	0.0267	0.00164	"	0.0332		80.3	40-140				
Endrin	0.0296	0.00164	"	0.0332		89.2	40-140				
Endrin aldehyde	0.0347	0.00164	"	0.0332		104	40-140				
Endrin ketone	0.0441	0.00164	"	0.0332		133	40-140				
gamma-BHC (Lindane)	0.0396	0.00164	"	0.0332		119	40-140				
gamma-Chlordane	0.0363	0.00164	"	0.0332		109	40-140				
Heptachlor	0.0311	0.00164	"	0.0332		93.7	40-140				
Heptachlor epoxide	0.0375	0.00164	"	0.0332		113	40-140				
Methoxychlor	0.0169	0.00164	"	0.0332		51.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0630*		*"*	*0.0664*		*94.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0540*		*"*	*0.0664*		*81.3*	*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 BD20405 - EPA 3550C											
Matrix Spike (BD20405-MS1)	*Source sample: 22D0202-08 (SB-4B)								Prepared: 04/07/2022 Analyzed: 04/10/2022		
4,4'-DDD	0.0400	0.00178	mg/kg dry	0.0359	ND	111	30-150				
4,4'-DDE	0.0370	0.00178	"	0.0359	ND	103	30-150				
4,4'-DDT	0.0206	0.00178	"	0.0359	ND	57.4	30-150				
Aldrin	0.0556	0.00178	"	0.0359	ND	155	30-150	High Bias			
alpha-BHC	0.0640	0.00178	"	0.0359	ND	178	30-150	High Bias			
alpha-Chlordane	0.0539	0.00178	"	0.0359	ND	150	30-150				
beta-BHC	0.0530	0.00178	"	0.0359	ND	148	30-150				
delta-BHC	0.0456	0.00178	"	0.0359	ND	127	30-150				
Dieldrin	0.0496	0.00178	"	0.0359	ND	138	30-150				
Endosulfan I	0.0666	0.00178	"	0.0359	ND	185	30-150	High Bias			
Endosulfan II	0.0501	0.00178	"	0.0359	ND	140	30-150				
Endosulfan sulfate	0.0382	0.00178	"	0.0359	ND	106	30-150				
Endrin	0.0412	0.00178	"	0.0359	ND	115	30-150				
Endrin aldehyde	0.0491	0.00178	"	0.0359	ND	137	30-150				
Endrin ketone	0.0573	0.00178	"	0.0359	ND	160	30-150	High Bias			
gamma-BHC (Lindane)	0.0620	0.00178	"	0.0359	ND	173	30-150	High Bias			
gamma-Chlordane	0.0544	0.00178	"	0.0359	ND	152	30-150	High Bias			
Heptachlor	0.0464	0.00178	"	0.0359	ND	129	30-150				
Heptachlor epoxide	0.0558	0.00178	"	0.0359	ND	155	30-150	High Bias			
Methoxychlor	0.0254	0.00178	"	0.0359	ND	70.7	30-150				
Surrogate: Decachlorobiphenyl	*0.0888*		*"*	*0.0718*		*124*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0775*		*"*	*0.0718*		*108*	*30-150*				
Matrix Spike Dup (BD20405-MSD1)	*Source sample: 22D0202-08 (SB-4B)								Prepared: 04/07/2022 Analyzed: 04/10/2022		
4,4'-DDD	0.0395	0.00178	mg/kg dry	0.0359	ND	110	30-150		1.15	30	
4,4'-DDE	0.0363	0.00178	"	0.0359	ND	101	30-150		2.00	30	
4,4'-DDT	0.0203	0.00178	"	0.0359	ND	56.6	30-150		1.49	30	
Aldrin	0.0542	0.00178	"	0.0359	ND	151	30-150	High Bias	2.59	30	
alpha-BHC	0.0612	0.00178	"	0.0359	ND	170	30-150	High Bias	4.51	30	
alpha-Chlordane	0.0528	0.00178	"	0.0359	ND	147	30-150		2.11	30	
beta-BHC	0.0470	0.00178	"	0.0359	ND	131	30-150		12.0	30	
delta-BHC	0.0440	0.00178	"	0.0359	ND	123	30-150		3.56	30	
Dieldrin	0.0499	0.00178	"	0.0359	ND	139	30-150		0.556	30	
Endosulfan I	0.0655	0.00178	"	0.0359	ND	182	30-150	High Bias	1.60	30	
Endosulfan II	0.0490	0.00178	"	0.0359	ND	137	30-150		2.22	30	
Endosulfan sulfate	0.0379	0.00178	"	0.0359	ND	106	30-150		0.647	30	
Endrin	0.0410	0.00178	"	0.0359	ND	114	30-150		0.542	30	
Endrin aldehyde	0.0471	0.00178	"	0.0359	ND	131	30-150		4.14	30	
Endrin ketone	0.0493	0.00178	"	0.0359	ND	137	30-150		14.9	30	
gamma-BHC (Lindane)	0.0562	0.00178	"	0.0359	ND	157	30-150	High Bias	9.74	30	
gamma-Chlordane	0.0532	0.00178	"	0.0359	ND	148	30-150		2.28	30	
Heptachlor	0.0467	0.00178	"	0.0359	ND	130	30-150		0.644	30	
Heptachlor epoxide	0.0546	0.00178	"	0.0359	ND	152	30-150	High Bias	2.17	30	
Methoxychlor	0.0265	0.00178	"	0.0359	ND	73.9	30-150		4.32	30	
Surrogate: Decachlorobiphenyl	*0.0904*		*"*	*0.0718*		*126*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0752*		*"*	*0.0718*		*105*	*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 BD20486 - EPA 3550C											
Blank (BD20486-BLK1)											Prepared: 04/08/2022 Analyzed: 04/12/2022
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0624*		*"*	*0.0664*		*93.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0547*		*"*	*0.0664*		*82.3*	*30-150*				
Blank (BD20486-BLK2)											Prepared: 04/08/2022 Analyzed: 04/14/2022
4,4'-DDD	ND	0.000329	mg/kg wet								
4,4'-DDE	ND	0.000329	"								
4,4'-DDT	ND	0.000329	"								
Aldrin	ND	0.000329	"								
alpha-BHC	ND	0.000329	"								
alpha-Chlordane	ND	0.000329	"								
beta-BHC	ND	0.000329	"								
delta-BHC	ND	0.000329	"								
Dieldrin	ND	0.000329	"								
Endosulfan I	ND	0.000329	"								
Endosulfan II	ND	0.000329	"								
Endosulfan sulfate	ND	0.000329	"								
Endrin	ND	0.000329	"								
Endrin aldehyde	ND	0.000329	"								
Endrin ketone	ND	0.000329	"								
gamma-BHC (Lindane)	ND	0.000329	"								
gamma-Chlordane	ND	0.000329	"								
Heptachlor	ND	0.000329	"								
Heptachlor epoxide	ND	0.000329	"								
Methoxychlor	ND	0.000329	"								
Toxaphene	ND	0.0329	"								
Chlordane, total	ND	0.00658	"								
Surrogate: Decachlorobiphenyl	*0.00*		*"*	*0.0664*			*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.00*		*"*	*0.0664*			*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 BD20486 - EPA 3550C											
LCS (BD20486-BS1)								Prepared: 04/08/2022 Analyzed: 04/12/2022			
4,4'-DDD	0.0439	0.00164	mg/kg wet	0.0332		132	40-140				
4,4'-DDE	0.0288	0.00164	"	0.0332		86.7	40-140				
4,4'-DDT	0.0145	0.00164	"	0.0332		43.8	40-140				
Aldrin	0.0454	0.00164	"	0.0332		137	40-140				
alpha-BHC	0.0437	0.00164	"	0.0332		132	40-140				
alpha-Chlordane	0.0428	0.00164	"	0.0332		129	40-140				
beta-BHC	0.0434	0.00164	"	0.0332		131	40-140				
delta-BHC	0.0404	0.00164	"	0.0332		122	40-140				
Dieldrin	0.0424	0.00164	"	0.0332		128	40-140				
Endosulfan I	0.0479	0.00164	"	0.0332		144	40-140	High Bias			
Endosulfan II	0.0408	0.00164	"	0.0332		123	40-140				
Endosulfan sulfate	0.0338	0.00164	"	0.0332		102	40-140				
Endrin	0.0326	0.00164	"	0.0332		98.1	40-140				
Endrin aldehyde	0.0505	0.00164	"	0.0332		152	40-140	High Bias			
Endrin ketone	0.0449	0.00164	"	0.0332		135	40-140				
gamma-BHC (Lindane)	0.0452	0.00164	"	0.0332		136	40-140				
gamma-Chlordane	0.0435	0.00164	"	0.0332		131	40-140				
Heptachlor	0.0330	0.00164	"	0.0332		99.2	40-140				
Heptachlor epoxide	0.0446	0.00164	"	0.0332		134	40-140				
Methoxychlor	0.0144	0.00164	"	0.0332		43.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0555*		*"*	*0.0664*		*83.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0519*		*"*	*0.0664*		*78.1*	*30-150*				
LCS (BD20486-BS2)								Prepared: 04/08/2022 Analyzed: 04/14/2022			
4,4'-DDD	ND	0.000329	mg/kg wet				40-140				
4,4'-DDE	ND	0.000329	"				40-140				
4,4'-DDT	ND	0.000329	"				40-140				
Aldrin	ND	0.000329	"				40-140				
alpha-BHC	ND	0.000329	"				40-140				
alpha-Chlordane	ND	0.000329	"				40-140				
beta-BHC	ND	0.000329	"				40-140				
delta-BHC	ND	0.000329	"				40-140				
Dieldrin	ND	0.000329	"				40-140				
Endosulfan I	ND	0.000329	"				40-140				
Endosulfan II	ND	0.000329	"				40-140				
Endosulfan sulfate	ND	0.000329	"				40-140				
Endrin	ND	0.000329	"				40-140				
Endrin aldehyde	ND	0.000329	"				40-140				
Endrin ketone	ND	0.000329	"				40-140				
gamma-BHC (Lindane)	ND	0.000329	"				40-140				
gamma-Chlordane	ND	0.000329	"				40-140				
Heptachlor	ND	0.000329	"				40-140				
Heptachlor epoxide	ND	0.000329	"				40-140				
Methoxychlor	ND	0.000329	"				40-140				
Surrogate: Decachlorobiphenyl	*0.00*		*"*	*0.0664*			*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.00*		*"*	*0.0664*			*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 BD20486 - EPA 3550C											
Matrix Spike (BD20486-MS1)	*Source sample: 22D0202-05 (SB-3A)							Prepared: 04/08/2022 Analyzed: 04/14/2022			
4,4'-DDD	ND	0.000356	mg/kg dry	0.0360	ND		30-150	Low Bias			
4,4'-DDE	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
4,4'-DDT	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Aldrin	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
alpha-BHC	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
alpha-Chlordane	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
beta-BHC	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
delta-BHC	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Dieldrin	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Endosulfan I	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Endosulfan II	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Endosulfan sulfate	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Endrin	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Endrin aldehyde	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Endrin ketone	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
gamma-BHC (Lindane)	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
gamma-Chlordane	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Heptachlor	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Heptachlor epoxide	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Methoxychlor	ND	0.000356	"	0.0360	ND		30-150	Low Bias			
Surrogate: Decachlorobiphenyl	*0.00*		*"*	*0.0720*			*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.00*		*"*	*0.0720*			*30-150*				
Matrix Spike Dup (BD20486-MSD1)	*Source sample: 22D0202-05 (SB-3A)							Prepared: 04/08/2022 Analyzed: 04/14/2022			
4,4'-DDD	ND	0.000356	mg/kg dry	0.0360	ND		30-150	Low Bias		30	
4,4'-DDE	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
4,4'-DDT	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Aldrin	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
alpha-BHC	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
alpha-Chlordane	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
beta-BHC	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
delta-BHC	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Dieldrin	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Endosulfan I	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Endosulfan II	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Endosulfan sulfate	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Endrin	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Endrin aldehyde	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Endrin ketone	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
gamma-BHC (Lindane)	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
gamma-Chlordane	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Heptachlor	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Heptachlor epoxide	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Methoxychlor	ND	0.000356	"	0.0360	ND		30-150	Low Bias		30	
Surrogate: Decachlorobiphenyl	*0.00*		*"*	*0.0720*			*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.00*		*"*	*0.0720*			*30-150*				

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 BD20405 - EPA 3550C											
Blank (BD20405-BLK2)											Prepared: 04/07/2022 Analyzed: 04/08/2022
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	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0575*		*"*	*0.0664*		*86.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0664*		*88.5*	*30-120*				
LCS (BD20405-BS2)											Prepared: 04/07/2022 Analyzed: 04/08/2022
Aroclor 1016	0.260	0.0166	mg/kg wet	0.332		78.4	40-130				
Aroclor 1260	0.286	0.0166	"	0.332		86.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0512*		*"*	*0.0664*		*77.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0585*		*"*	*0.0664*		*88.0*	*30-120*				
Batch BD20486 - EPA 3550C											
Blank (BD20486-BLK2)											Prepared: 04/08/2022 Analyzed: 04/11/2022
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	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0488*		*"*	*0.0664*		*73.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0565*		*"*	*0.0664*		*85.0*	*30-120*				

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 BD20486 - EPA 3550C											
LCS (BD20486-BS2)											
Prepared: 04/08/2022 Analyzed: 04/11/2022											
Aroclor 1016	0.266	0.0166	mg/kg wet	0.332		79.9	40-130				
Aroclor 1260	0.300	0.0166	"	0.332		90.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0478*		*"*	*0.0664*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0548*		*"*	*0.0664*		*82.5*	*30-120*				

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 BD20392 - EPA 3050B											
Blank (BD20392-BLK1)											
Prepared: 04/06/2022 Analyzed: 04/07/2022											
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	6.49	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	"								
Duplicate (BD20392-DUP1)	*Source sample: 22D0202-15 (SB-7B)										
Prepared: 04/06/2022 Analyzed: 04/07/2022											
Aluminum	6800	5.42	mg/kg dry		7980				16.1	35	
Antimony	4.21	2.71	"		5.00				17.2	35	
Arsenic	ND	1.63	"		1.71					35	
Barium	30.3	2.71	"		49.1				47.3	35	Non-dir.
Beryllium	0.267	0.054	"		0.339				23.8	35	
Cadmium	ND	0.325	"		ND					35	
Calcium	198	5.42	"		280				34.1	35	
Chromium	8.65	0.542	"		10.9				23.4	35	
Cobalt	5.90	0.434	"		8.14				31.9	35	
Copper	9.73	2.17	"		14.6				40.1	35	Non-dir.
Iron	14500	27.1	"		17700				19.4	35	
Lead	3.49	0.542	"		6.55				60.9	35	Non-dir.
Magnesium	2430	5.42	"		2780				13.5	35	
Manganese	370	0.542	"		593				46.3	35	Non-dir.
Nickel	11.6	1.08	"		16.5				34.8	35	
Potassium	846	5.42	"		854				1.02	35	
Selenium	ND	2.71	"		ND					35	
Silver	ND	0.542	"		ND					35	
Sodium	ND	54.2	"		64.5					35	
Thallium	ND	2.71	"		ND					35	
Vanadium	8.43	1.08	"		11.2				28.6	35	
Zinc	35.0	2.71	"		47.9				31.0	35	

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 BD20392 - EPA 3050B											
Matrix Spike (BD20392-MS1)	*Source sample: 22D0202-15 (SB-7B)							Prepared: 04/06/2022 Analyzed: 04/07/2022			
Aluminum	7660	5.42	mg/kg dry	217	7980	NR	75-125	Low Bias			
Antimony	18.8	2.71	"	27.1	5.00	50.8	75-125	Low Bias			
Arsenic	190	1.63	"	217	1.71	86.9	75-125				
Barium	242	2.71	"	217	49.1	89.0	75-125				
Beryllium	5.26	0.054	"	5.42	0.339	90.7	75-125				
Cadmium	4.92	0.325	"	5.42	ND	90.8	75-125				
Calcium	308	5.42	"	108	280	25.9	75-125	Low Bias			
Chromium	31.5	0.542	"	21.7	10.9	94.8	75-125				
Cobalt	60.1	0.434	"	54.2	8.14	95.8	75-125				
Copper	38.0	2.17	"	27.1	14.6	86.4	75-125				
Iron	14800	27.1	"	108	17700	NR	75-125	Low Bias			
Lead	56.2	0.542	"	54.2	6.55	91.6	75-125				
Magnesium	2600	5.42	"	108	2780	NR	75-125	Low Bias			
Manganese	406	0.542	"	54.2	593	NR	75-125	Low Bias			
Nickel	66.2	1.08	"	54.2	16.5	91.7	75-125				
Potassium	1140	5.42	"	108	854	264	75-125	High Bias			
Selenium	137	2.71	"	217	ND	63.0	75-125	Low Bias			
Silver	5.00	0.542	"	5.42	ND	92.3	75-125				
Sodium	175	54.2	"	108	64.5	102	75-125				
Thallium	195	2.71	"	217	ND	90.0	75-125				
Vanadium	61.1	1.08	"	54.2	11.2	91.9	75-125				
Zinc	82.7	2.71	"	54.2	47.9	64.2	75-125	Low Bias			
Post Spike (BD20392-PS1)	*Source sample: 22D0202-15 (SB-7B)							Prepared: 04/06/2022 Analyzed: 04/07/2022			
Aluminum	77.8		ug/mL	2.00	73.7	206	75-125	High Bias			
Antimony	0.332		"	0.250	0.046	114	75-125				
Arsenic	2.14		"	2.00	0.016	106	75-125				
Barium	2.74		"	2.00	0.453	114	75-125				
Beryllium	0.058		"	0.0500	0.003	109	75-125				
Cadmium	0.055		"	0.0500	0.002	106	75-125				
Calcium	3.79		"	1.00	2.58	121	75-125				
Chromium	0.322		"	0.200	0.101	110	75-125				
Cobalt	0.647		"	0.500	0.075	114	75-125				
Copper	0.425		"	0.250	0.135	116	75-125				
Iron	170		"	1.00	163	697	75-125	High Bias			
Lead	0.606		"	0.500	0.060	109	75-125				
Magnesium	27.5		"	1.00	25.6	185	75-125	High Bias			
Manganese	5.87		"	0.500	5.47	80.1	75-125				
Nickel	0.740		"	0.500	0.152	117	75-125				
Potassium	9.28		"	1.00	7.88	139	75-125	High Bias			
Selenium	1.55		"	2.00	-0.196	77.7	75-125				
Silver	0.023		"	0.0500	-0.002	45.8	75-125	Low Bias			
Sodium	1.80		"	1.00	0.595	121	75-125				
Thallium	2.11		"	2.00	0.012	105	75-125				
Vanadium	0.658		"	0.500	0.104	111	75-125				
Zinc	0.952		"	0.500	0.442	102	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 BD20392 - EPA 3050B											
Reference (BD20392-SRM1)								Prepared: 04/06/2022 Analyzed: 04/07/2022			
Aluminum	9620	5.00	mg/kg wet	10100		95.2	39.5-118.8				
Antimony	70.7	2.50	"	244		29.0	10-123				
Arsenic	101	1.50	"	109		92.6	63.7-118.3				
Barium	367	2.50	"	364		101	70.3-117				
Beryllium	51.9	0.050	"	57.0		91.0	69.3-115.4				
Cadmium	42.9	0.300	"	48.7		88.1	67.8-112.9				
Calcium	4870	5.00	"	5190		93.9	66.3-116.6				
Chromium	164	0.500	"	173		95.0	65.3-120.8				
Cobalt	148	0.400	"	148		99.9	70.3-117.6				
Copper	183	2.00	"	179		102	70.9-117.9				
Iron	15000	25.0	"	15000		100	36.8-162.7				
Lead	98.0	0.500	"	101		97.0	69.1-126.7				
Magnesium	2430	5.00	"	2570		94.6	56.4-124.9				
Manganese	370	0.500	"	370		100	72.2-119.2				
Nickel	59.3	1.00	"	52.2		114	63.4-117.8				
Potassium	2270	5.00	"	2420		93.7	49.6-118.6				
Selenium	59.2	2.50	"	104		56.9	58.5-122.1	Low Bias			
Silver	27.6	0.500	"	29.9		92.3	63.5-123.7				
Sodium	149	50.0	"	161		92.3	30.1-139.1				
Thallium	84.2	2.50	"	101		83.3	59.8-120.8				
Vanadium	185	1.00	"	194		95.1	73.2-117				
Zinc	394	2.50	"	431		91.5	74.9-121.1				

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 BD20637 - EPA 7473 soil											
Blank (BD20637-BLK1)								Prepared & Analyzed: 04/11/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BD20637-DUP1)	*Source sample: 22D0202-01 (SB-1A)							Prepared & Analyzed: 04/11/2022			
Mercury	0.0428	0.0324	mg/kg dry		0.0910				72.1	35	Non-dir.
Matrix Spike (BD20637-MS1)	*Source sample: 22D0202-01 (SB-1A)							Prepared & Analyzed: 04/11/2022			
Mercury	0.581		mg/kg	0.500	0.0842	99.4	75-125				
Reference (BD20637-SRM1)								Prepared & Analyzed: 04/11/2022			
Mercury	27.468		mg/kg	27.2		101	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 BD20406 - Analysis Preparation Soil											
Blank (BD20406-BLK1)								Prepared & Analyzed: 04/07/2022			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BD20406-DUP1)	*Source sample: 22D0270-04 (Duplicate)							Prepared & Analyzed: 04/07/2022			
Cyanide, total	ND	0.573	mg/kg dry		ND					15	
Matrix Spike (BD20406-MS1)	*Source sample: 22D0270-04 (Matrix Spike)							Prepared & Analyzed: 04/07/2022			
Cyanide, total	8.74	0.573	mg/kg dry	11.5	ND	76.3	79.6-107	Low Bias			
Reference (BD20406-SRM1)								Prepared & Analyzed: 04/07/2022			
Cyanide, total	67.0		ug/mL	86.8		77.1	41.82-157.83				

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 BD20611 - % Solids Prep											
Duplicate (BD20611-DUP1)	*Source sample: 22D0497-01 (Duplicate)							Prepared & Analyzed: 04/11/2022			
% Solids	77.6	0.100	%		78.0				0.493	20	
Batch BD20612 - % Solids Prep											
Duplicate (BD20612-DUP1)	*Source sample: 22D0347-01 (Duplicate)							Prepared & Analyzed: 04/11/2022			
% Solids	88.8	0.100	%		89.3				0.626	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D0202-01	SB-1A	40mL Vial with Stir Bar-Cool 4° C
22D0202-02	SB-1B	40mL Vial with Stir Bar-Cool 4° C
22D0202-03	SB-2A	40mL Vial with Stir Bar-Cool 4° C
22D0202-04	SB-2B	40mL Vial with Stir Bar-Cool 4° C
22D0202-05	SB-3A	40mL Vial with Stir Bar-Cool 4° C
22D0202-06	SB-3B	40mL Vial with Stir Bar-Cool 4° C
22D0202-07	SB-4A	40mL Vial with Stir Bar-Cool 4° C
22D0202-08	SB-4B	40mL Vial with Stir Bar-Cool 4° C
22D0202-09	SB-5A	40mL Vial with Stir Bar-Cool 4° C
22D0202-10	SB-5B	40mL Vial with Stir Bar-Cool 4° C
22D0202-11	SB-5B Dup	40mL Vial with Stir Bar-Cool 4° C
22D0202-12	SB-6A	40mL Vial with Stir Bar-Cool 4° C
22D0202-13	SB-6B	40mL Vial with Stir Bar-Cool 4° C
22D0202-14	SB-7A	40mL Vial with Stir Bar-Cool 4° C
22D0202-15	SB-7B	40mL Vial with Stir Bar-Cool 4° C
22D0202-17	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
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.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

NOTE: 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.: 22D0202

Page 1 of 2

YOUR Information	Report To:	Invoice To:
Company: PT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 356061

YOUR Project Name: 77 Cornell Street Kingston, New York

YOUR PO#:

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.

Samples Collected by: (print your name above and sign below)
Deborah Thompson
Deborah Thompson

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
SB-1A	S	4/5/22 10:32 AM	VOCs, SVOCs, TAL Metals, Pesticides PCBs, PFAs, Cyanide, 1,4 Dioxane	(4) 40ml (1) 8oz
SB-1B		10:42		
SB-2A		11:30		
SB-2B		11:45		
SB-3A		12:00 PM		
SB-3B		12:15		
SB-4A		12:20		
SB-4B		12:40		
SB-5A		3:37		
SB-5B		3:52		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ✓ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

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
Deborah Thompson	4/6/22 11:30	Chris York	4-6-22 11:30	Chris York	4-6-22 1540
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 / Temp. Received at Lab
				KBlackman	4/6/22 1540 / 3.3 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22D0202

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: DT Consulting Services Inc.	Company: Same	Company: Same	356061	RUSH - Next Day
Address:	Address:	Address:	YOUR Project Name: 77 Cornell Street Kingston, New York	RUSH - Two Day
Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Deborah Thompson	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	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.

Deborah Thompson
Deborah Thompson
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 | NYSDEC EQuIS
NY ASP B Package | Deliverables | 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
SB 5B-Dup	S	4/5/22 4:09 pm		
SB 6A		4/6/22 10:52 AM		
SB 6B		10:30 AM		
SB 7A		10:45		
SB 7B		10:55		
Field Blank	W	11:00		(2) 40ml V
Trip Blank	1	11:03 AM		(1) 1L

Comments:

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

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

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
Deborah Thompson	4/6/22	Chris C York	4-6-22 11:30	Chris C York	4-6-22 1540
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
				KBlock	4/6/22 1540 / 3.3 Degrees C

APPENDIX C
GROUNDWATER LABORATORY ANALYTICAL REPORT

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/18/2022
Client Project ID: 356061 77 Cornell Street Kingston, NY
York Project (SDG) No.: 22D0366

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: 04/18/2022
Client Project ID: 356061 77 Cornell Street Kingston, NY
York Project (SDG) No.: 22D0366

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 07, 2022 and listed below. The project was identified as your project: **356061 77 Cornell Street Kingston, NY**.

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
22D0366-01	MW-1	Water	04/06/2022	04/07/2022
22D0366-02	MW-2	Water	04/06/2022	04/07/2022
22D0366-03	MW-3	Water	04/06/2022	04/07/2022
22D0366-04	MW-4	Water	04/06/2022	04/07/2022
22D0366-05	MW-5	Water	04/06/2022	04/07/2022
22D0366-06	MW-5 Dup	Water	04/06/2022	04/07/2022
22D0366-07	MW-6	Water	04/06/2022	04/07/2022
22D0366-08	MW-7	Water	04/06/2022	04/07/2022
22D0366-10	Field Blank	Water	04/06/2022	04/07/2022

General Notes for York Project (SDG) No.: 22D0366

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:** 04/18/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

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
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
67-66-3	**Chloroform**	**0.370**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 01:53	JM

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53	JM

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

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:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
127-18-4	**Tetrachloroethylene**	**2.37**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 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:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-01-6	**Trichloroethylene**	**5.92**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 01:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: **EXT-D**

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

Sample Prepared by Method: EPA 3510C

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/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
95-57-8	2-Chlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
95-48-7	2-Methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
88-75-5	2-Nitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 16:44	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/L	6.06	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.21	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.06	12.1	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
2312-35-8	* Propargite	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44	KH
110-86-1	Pyridine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 16:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*15.3 %*	*10.1-41.7*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.4 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.0 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.3 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.4 %*			*30.7-106*						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
120-12-7	Anthracene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
1912-24-9	Atrazine	ND		ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
218-01-9	Chrysene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
206-44-0	**Fluoranthene**	**0.109**		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
86-73-7	Fluorene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0242	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes: **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
98-95-3	Nitrobenzene	ND		ug/L	0.303	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.303	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 15:44	KH
85-01-8	**Phenanthrene**	**0.133**		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH
129-00-0	**Pyrene**	**0.0848**		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 15:44	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 18:58	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*36.6-118*

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)**	**2.68**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**3.14**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**1.96**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**5.54**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**6.11**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

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
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**3.84**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.73	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**2.74**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:45	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*106 %*	*25-150*
Surrogate: M5PFHxA	*88.0 %*	*25-150*
Surrogate: M4PFHpA	*93.9 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.0 %*	*25-150*
Surrogate: M6PFDA	*94.1 %*	*25-150*
Surrogate: M7PFUdA	*88.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*73.3 %*	*25-150*
Surrogate: M2PFTeDA	*74.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*79.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*120 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*87.2 %*	*25-150*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **22D0366-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

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-1-[13C8]octanesulfonamide (M8FOSA)	*14.0 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*84.2 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*95.0 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*122 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*153 %*		*25-200*						
	Surrogate: M9PFNA	*87.6 %*		*25-150*						

Pesticides, 8081 Target List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
60-57-1	**Dieldrin**	**0.0183**		ug/L	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 17:00	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	04/12/2022 07:48	04/13/2022 17:00	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*128 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*114 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 09:06	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 09:06	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 09:06	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 09:06	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 09:06	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 09:06	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/13/2022 09:06	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/12/2022 07:48	04/13/2022 09:06	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

7429-90-5	**Aluminum**	**4.31**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.134**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**82.1**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0141**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.00492**		mg/L	0.00444	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0253**		mg/L	0.0222	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**6.07**		mg/L	0.278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7.13**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.733**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**10.1**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**162**		mg/L	0.556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0408**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:31	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:04	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.75**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:04	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:04	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:04	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.22**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:04	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 22D0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:20 pm	04/07/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:04	RTH

Mercury by 7470/7471

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:10	04/07/2022 18:10	AA

Cyanide, Total

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
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 13:26	04/08/2022 14:23	TJA

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 02:22	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 02:22	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 02:22	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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 02:22	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 02:22	JM
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 02:22	JM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

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:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	**Chloroform**	**0.970**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 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:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

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
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 02:22	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 02:22	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 02:22	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 02:22	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:22	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:22	JM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

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
127-18-4	**Tetrachloroethylene**	**3.61**		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:			
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**12.7**		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	04/13/2022 12:30	04/14/2022 02:22	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*	*95.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

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/L	2.86	5.71	1	EPA 8270D	04/12/2022 13:08	04/13/2022 17:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D	04/12/2022 13:08	04/13/2022 17:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	04/12/2022 13:08	04/13/2022 17:19	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	04/12/2022 13:08	04/13/2022 17:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	04/12/2022 13:08	04/13/2022 17:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D	04/12/2022 13:08	04/13/2022 17:19	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive **Log-in Notes:** **Sample Notes:** EXT-D

Sample Prepared by Method: EPA 3510C

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/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH
2312-35-8	* Propargite	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:19	KH
110-86-1	Pyridine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:19	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.5 %*	*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive **Log-in Notes:** **Sample Notes:** EXT-D

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
86-73-7	Fluorene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
91-20-3	Naphthalene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:16	KH
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH
129-00-0	Pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:16	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 19:15	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*104 %*	*36.6-118*

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)**	**5.67**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**15.7**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**4.04**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**2.57**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**11.6**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**4.42**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**20.6**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

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
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**6.54**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 00:58	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*96.0 %*	*25-150*
Surrogate: M5PFHxA	*85.5 %*	*25-150*
Surrogate: M4PFHpA	*87.8 %*	*25-150*
Surrogate: M3PFHxS	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*91.6 %*	*25-150*
Surrogate: M6PFDA	*95.4 %*	*25-150*
Surrogate: M7PFUdA	*94.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.5 %*	*25-150*
Surrogate: M2PFTeDA	*70.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*73.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*107 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*85.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*9.00 %*	PFSu-L *10-150*
Surrogate: d3-N-MeFOSAA	*92.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*98.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*112 %*	*25-200*
Surrogate: M2-8:2 FTS	*149 %*	*25-200*
Surrogate: M9PFNA	*88.7 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
309-00-2	Aldrin	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
319-84-6	alpha-BHC	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
319-85-7	beta-BHC	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
319-86-8	**delta-BHC**	**0.00960**		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
60-57-1	**Dieldrin**	**0.334**		ug/L	0.00432	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
959-98-8	Endosulfan I	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
72-20-8	Endrin	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0216	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
53494-70-5	**Endrin ketone**	**0.0263**		ug/L	0.0216	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0216	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
76-44-8	Heptachlor	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
72-43-5	Methoxychlor	ND		ug/L	0.00865	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
8001-35-2	Toxaphene	ND		ug/L	0.216	2	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 13:47	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.432	2	EPA 8081B Certifications:	04/12/2022 07:48	04/14/2022 13:47	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*173 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*118 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A	04/12/2022 07:48	04/13/2022 09:20	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.61**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.110**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**77.1**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**2.02**		mg/L	0.278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**9.55**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.284**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.68**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**81.2**		mg/L	0.556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:34	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:07	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:07	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:07	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:07	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.80**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:07	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:07	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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	0.0002	1	EPA 7470	04/07/2022 18:10	04/07/2022 18:10	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

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
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	04/07/2022 13:26	04/08/2022 14:23	TJA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 22D0366-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 3:30 pm	04/07/2022

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

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:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	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:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 02:50	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
67-64-1	**Acetone**	**1.01**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 02:50	JM

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

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:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 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:	04/13/2022 12:30	04/14/2022 02:50 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:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **22D0366-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

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
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 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:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
127-18-4	**Tetrachloroethylene**	**1.47**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 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:	04/13/2022 12:30	04/14/2022 02:50 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:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-01-6	**Trichloroethylene**	**3.22**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 02:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.1 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.7 %*			*79-122*						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

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/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
95-57-8	2-Chlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
95-48-7	2-Methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
88-75-5	2-Nitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

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/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
100-01-6	4-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
100-02-7	4-Nitrophenol	ND		ug/L	6.67	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
98-86-2	Acetophenone	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
100-52-7	Benzaldehyde	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
105-60-2	Caprolactam	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
86-74-8	Carbazole	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
132-64-9	Dibenzofuran	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.67	13.3	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
78-59-1	Isophorone	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:54	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:54	KH
108-95-2	Phenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:54	KH
2312-35-8	* Propargite	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 17:54	KH
110-86-1	Pyridine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:54	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*25.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.3 %*	*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
120-12-7	Anthracene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
1912-24-9	Atrazine	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/14/2022 12:23	KH
56-55-3	**Benzo(a)anthracene**	**0.0800**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.71**		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/14/2022 12:23	KH
218-01-9	**Chrysene**	**0.0800**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/14/2022 12:23	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.107**		ug/L	0.0667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0267	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0667**		ug/L	0.0667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.333	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.333	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.0800**		ug/L	0.0667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.147**		ug/L	0.0667	1	EPA 8270D SIM	04/12/2022 13:08	04/14/2022 12:23	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	04/13/2022 08:02	04/14/2022 19:32	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes: PFSUBS

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)**	**4.03**		ng/L	1.85	1	EPA 537m	04/12/2022 12:03	04/14/2022 01:11	WL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**3.52**		ng/L	1.85	1	EPA 537m	04/12/2022 12:03	04/14/2022 01:11	WL
							Certifications:			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

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

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)**	**2.59**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**8.91**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**9.95**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**3.76**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**4.88**		ng/L	1.85	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:11	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*94.1 %*	*25-150*
Surrogate: M5PFHxA	*86.3 %*	*25-150*
Surrogate: M4PFHpA	*88.9 %*	*25-150*
Surrogate: M3PFHxS	*102 %*	*25-150*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes: PFSUBS

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-[13C8]octanoic acid (M8PFOA)	*89.5 %*		*25-150*						
	Surrogate: M6PFDA	*89.2 %*		*25-150*						
	Surrogate: M7PFUdA	*81.6 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*69.5 %*		*25-150*						
	Surrogate: M2PFTeDA	*62.4 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*58.0 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*105 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*82.7 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.20 %*	PFSu-L	*10-150*						
	Surrogate: d3-N-MeFOSAA	*80.8 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*85.8 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*97.4 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*131 %*		*25-200*						
	Surrogate: M9PFNA	*85.2 %*		*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
309-00-2	Aldrin	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
319-84-6	alpha-BHC	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
319-85-7	beta-BHC	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
319-86-8	delta-BHC	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
60-57-1	Dieldrin	ND		ug/L	0.00229	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
72-20-8	Endrin	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0114	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
76-44-8	Heptachlor	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
72-43-5	Methoxychlor	ND		ug/L	0.00457	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
8001-35-2	Toxaphene	ND		ug/L	0.114	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 15:19	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.229	1	EPA 8081B Certifications:	04/12/2022 07:48	04/13/2022 15:19	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0571	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/14/2022 00:54	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/14/2022 00:54	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/14/2022 00:54	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/14/2022 00:54	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/14/2022 00:54	BJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 00:54	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/12/2022 07:48	04/14/2022 00:54	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 8082A Certifications:	04/12/2022 07:48	04/14/2022 00:54	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**166**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-39-3	**Barium**	**2.10**		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-70-2	**Calcium**	**157**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-47-3	**Chromium**	**0.538**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-48-4	**Cobalt**	**0.399**		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-50-8	**Copper**	**0.627**		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7439-89-6	**Iron**	**379**		mg/L	2.78	10	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/12/2022 13:29	KT
7439-92-1	**Lead**	**0.524**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7439-95-4	**Magnesium**	**53.2**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7439-96-5	**Manganese**	**34.1**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-02-0	**Nickel**	**0.548**		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-09-7	**Potassium**	**17.4**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT
7440-23-5	**Sodium**	**85.9**		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:42	KT

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 22D0366-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 5:15 pm	04/07/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	**Vanadium**	**0.209**		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1.15**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:42	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**1.89**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:10	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**156**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:10	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.20**		ug/L	0.333	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:10	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**8.73**		ug/L	0.556	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:10	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**75.9**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:10	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:10	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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**	**0.0008**		mg/L	0.0002	1	EPA 7470	04/07/2022 18:10	04/07/2022 18:10	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

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
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	04/07/2022 13:26	04/08/2022 14:23	TJA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19 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:	04/13/2022 12:30	04/14/2022 03:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

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
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
78-93-3	**2-Butanone**	**9.85**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
67-66-3	**Chloroform**	**0.400**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
156-59-2	**cis-1,2-Dichloroethylene**	**0.220**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

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
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:19	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:19	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 03:19	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 03:19	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

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
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
127-18-4	**Tetrachloroethylene**	**14.8**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:19	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
79-01-6	**Trichloroethylene**	**16.6**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:19	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:19	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 18:29	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 18:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*36.9 %*			*19.7-63.1*						
4165-62-2	*Surrogate: SURR: Phenol-d5*	*14.5 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.2 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.4 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.7 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.3 %*			*30.7-106*						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.905**		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 16:49	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 16:49	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 20:07	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*36.6-118*

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)**	**4.04**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**14.0**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**13.6**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**2.32**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**24.9**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**7.79**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

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
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**7.56**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.81	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**13.7**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:24	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*94.8 %*	*25-150*
Surrogate: M5PFHxA	*81.6 %*	*25-150*
Surrogate: M4PFHpA	*79.6 %*	*25-150*
Surrogate: M3PFHxS	*113 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*83.7 %*	*25-150*
Surrogate: M6PFDA	*87.9 %*	*25-150*
Surrogate: M7PFUdA	*86.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*71.6 %*	*25-150*
Surrogate: M2PFTeDA	*71.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*63.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*103 %*	*25-150*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

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)	*77.9 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.7 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*84.1 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*97.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*122 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*178 %*		*25-200*						
	Surrogate: M9PFNA	*80.9 %*		*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	04/12/2022 07:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 17:34	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	04/12/2022 07:48	04/13/2022 17:34	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/13/2022 09:33	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/13/2022 09:33	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/13/2022 09:33	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/13/2022 09:33	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/13/2022 09:33	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/13/2022 09:33	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/13/2022 09:33	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	04/12/2022 07:48	04/13/2022 09:33	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **22D0366-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2.47**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0766**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4.82**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.00946**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**3.40**		mg/L	0.278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00568**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.843**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.787**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.22**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**147**		mg/L	0.556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:44	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:13	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.32**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:13	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:13	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:13	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 22D0366-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 4:00 pm	04/07/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:13	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:13	RTH

Mercury by 7470/7471

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:10	04/07/2022 18:10	AA

Cyanide, Total

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
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 13:26	04/08/2022 14:23	TJA

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 03:47	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 03:47	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 03:47	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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 03:47	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 03:47	JM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	**Chloroform**	**0.250**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-59-2	**cis-1,2-Dichloroethylene**	**0.250**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 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:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:47	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:47	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 03:47	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 03:47	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
127-18-4	**Tetrachloroethylene**	**20.6**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 03:47	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
79-01-6	**Trichloroethylene**	**23.5**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 03:47	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 03:47	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 19:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 19:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 NELAC-NY10854,NJDEP,PADEP	04/13/2022 19:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 19:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/13/2022 19:05	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	04/12/2022 13:08	04/13/2022 19:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.3 %*		*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*12.3 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.7 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.6 %*		*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.4 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.4 %*		*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.463**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
208-96-8	**Acenaphthylene**	**0.211**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
56-55-3	**Benzo(a)anthracene**	**0.126**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.06**		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
218-01-9	**Chrysene**	**0.126**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
91-20-3	**Naphthalene**	**0.0526**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/12/2022 13:08	04/13/2022 17:22	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 13:08	04/13/2022 17:22	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 20:24	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

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)**	**11.0**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**7.61**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**5.17**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**3.83**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**15.4**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**12.4**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**8.49**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.81	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**8.99**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:37	WL

Surrogate Recoveries	Result		Acceptance Range
Surrogate: M3PFBS	*98.1 %*		*25-150*
Surrogate: M5PFHxA	*91.0 %*		*25-150*
Surrogate: M4PFHpA	*91.6 %*		*25-150*
Surrogate: M3PFHxS	*108 %*		*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*92.2 %*		*25-150*
Surrogate: M6PFDA	*91.9 %*		*25-150*
Surrogate: M7PFUdA	*85.3 %*		*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*73.5 %*		*25-150*
Surrogate: M2PFTeDA	*66.4 %*		*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*71.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*111 %*		*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.3 %*		*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.84 %*	PFSu-L	*10-150*
Surrogate: d3-N-MeFOSAA	*81.1 %*		*25-150*
Surrogate: d5-N-EtFOSAA	*86.7 %*		*25-150*
Surrogate: M2-6:2 FTS	*97.6 %*		*25-200*
Surrogate: M2-8:2 FTS	*127 %*		*25-200*
Surrogate: M9PFNA	*90.1 %*		*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 07:59	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	04/08/2022 08:06	04/12/2022 07:59	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	04/08/2022 08:06	04/13/2022 05:28	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.834**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0458**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**42.4**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.00793**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1.28**		mg/L	0.278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4.62**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.686**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 22D0366-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.23**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**73.8**		mg/L	0.556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:47	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:16	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.13**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:16	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:16	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:16	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.79**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:16	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:16	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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	0.0002	1	EPA 7470	04/07/2022 18:10	04/07/2022 18:10	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

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
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	04/07/2022 13:26	04/08/2022 14:23	TJA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **22D0366-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Sample Information

Client Sample ID: **MW-5 Dup** **York Sample ID:** **22D0366-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 04:16	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 04:16	JM
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	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	04/13/2022 12:30	04/14/2022 04:16	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 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:	04/13/2022 12:30	04/14/2022 04:16 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:	04/13/2022 12:30	04/14/2022 04:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 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:	04/13/2022 12:30	04/14/2022 04:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 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:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
67-66-3	**Chloroform**	**0.270**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
156-59-2	**cis-1,2-Dichloroethylene**	**0.250**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 04:16	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 04:16	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 04:16	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 04:16	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
127-18-4	**Tetrachloroethylene**	**22.6**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:16	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
79-01-6	**Trichloroethylene**	**24.7**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:16	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 04:16	JM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*79-122*						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH NELAC-NY10854,NJDEP,PADEP
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH NELAC-NY10854,NJDEP,PADEP
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **MW-5 Dup** **York Sample ID:** **22D0366-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH
2312-35-8	* Propargite	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:21	KH
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/12/2022 17:21	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*12.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.3 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.7 %*	*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.432**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
208-96-8	**Acenaphthylene**	**0.195**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.724**		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
86-73-7	**Fluorene**	**0.162**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
91-20-3	**Naphthalene**	**0.0757**	B	ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:22	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:22	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 20:41	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

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)**	**11.1**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**7.62**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**5.18**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL

Sample Information

Client Sample ID: **MW-5 Dup** **York Sample ID:** **22D0366-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**3.99**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**15.0**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**10.9**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**7.85**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.73	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**9.24**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 01:50	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*96.9 %*	*25-150*
Surrogate: M5PFHxA	*90.6 %*	*25-150*
Surrogate: M4PFHpA	*93.2 %*	*25-150*
Surrogate: M3PFHxS	*106 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*94.8 %*	*25-150*
Surrogate: M6PFDA	*87.3 %*	*25-150*

Sample Information

Client Sample ID: **MW-5 Dup** **York Sample ID:** **22D0366-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

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: M7PFUdA	*70.0 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*57.7 %*			*25-150*					
	Surrogate: M2PFTeDA	*57.1 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*71.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*109 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*88.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.82 %*	PFSu-L		*10-150*					
	Surrogate: d3-N-MeFOSAA	*71.8 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*73.1 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*106 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*142 %*			*25-200*					
	Surrogate: M9PFNA	*86.7 %*			*25-150*					

Pesticides, 8081 Target List

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

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 14:51	CM

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 14:51	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B Certifications:	04/08/2022 08:06	04/10/2022 14:51	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:06	04/08/2022 18:16	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:06	04/08/2022 18:16	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:06	04/08/2022 18:16	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:06	04/08/2022 18:16	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:06	04/08/2022 18:16	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:06	04/08/2022 18:16	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 08:06	04/08/2022 18:16	BJ

Sample Information

Client Sample ID: MW-5 Dup

York Sample ID: 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	04/08/2022 08:06	04/08/2022 18:16	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.123**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-39-3	**Barium**	**0.0403**		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-70-2	**Calcium**	**43.5**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7439-95-4	**Magnesium**	**4.65**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7439-96-5	**Manganese**	**0.550**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-09-7	**Potassium**	**4.12**	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-23-5	**Sodium**	**75.8**		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:55	04/11/2022 15:50	KT

Sample Information

Client Sample ID: MW-5 Dup **York Sample ID:** 22D0366-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 2:15 pm	04/07/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:19	RTH
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:19	RTH
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:19	RTH
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:19	RTH
7782-49-2	**Selenium**	**3.15**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:19	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:19	RTH

Mercury by 7470/7471

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:10	04/07/2022 18:10	AA

Cyanide, Total

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
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 13:26	04/08/2022 14:23	TJA

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 04:44	JM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

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
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	**Chloroform**	**2.42**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-59-2	**cis-1,2-Dichloroethylene**	**0.770**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 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:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

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
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

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
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
127-18-4	**Tetrachloroethylene**	**9.37**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 04:44	JM
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
79-01-6	**Trichloroethylene**	**33.4**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 04:44	JM
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 04:44	JM

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

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH
2312-35-8	* Propargite	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 17:56	KH
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 17:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*11.1 %*	*10.1-41.7*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.5 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.1 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.3 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.7 %*			*30.7-106*						

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/13/2022 23:55	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/13/2022 23:55	KH

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 20:58	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

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)**	**3.04**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**4.11**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**2.41**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**3.63**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**9.92**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**10.7**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.93**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

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
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**5.00**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.81	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**3.81**		ng/L	1.92	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:03	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.3 %*	*25-150*
Surrogate: M5PFHxA	*86.5 %*	*25-150*
Surrogate: M4PFHpA	*92.8 %*	*25-150*
Surrogate: M3PFHxS	*109 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*86.7 %*	*25-150*
Surrogate: M6PFDA	*88.7 %*	*25-150*
Surrogate: M7PFUdA	*88.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*75.1 %*	*25-150*
Surrogate: M2PFTeDA	*74.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*60.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*106 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*83.1 %*	*25-150*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

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-1-[13C8]octanesulfonamide (M8FOSA)	*8.44 %*	PFSu-L	*10-150*						
	Surrogate: d3-N-MeFOSAA	*80.2 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*90.8 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*120 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*137 %*		*25-200*						
	Surrogate: M9PFNA	*85.4 %*		*25-150*						

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 15:07	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	04/08/2022 08:06	04/10/2022 15:07	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 18:30	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 18:30	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 18:30	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 18:30	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 18:30	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 18:30	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06 NELAC-NY10854,CTDOH,NJDEP,PADEP	04/08/2022 18:30	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	04/08/2022 08:06	04/08/2022 18:30	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2.56**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0689**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**59.2**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0417**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**3.41**		mg/L	0.278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7.27**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.612**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.56**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**124**		mg/L	0.556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:53	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.47**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**21.2**		ug/L	0.556	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 22D0366-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 6:00 pm	04/07/2022

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 09:58	04/12/2022 13:23	RTH

Mercury by 7470/7471

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	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/07/2022 18:10	04/07/2022 18:10	AA

Cyanide, Total

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
57-12-5	**Cyanide, total**	**0.0284**		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	04/07/2022 13:26	04/08/2022 14:23	TJA

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:13	JM
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:13	JM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:13	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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:13	JM
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:13	JM
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/13/2022 12:30	04/14/2022 05:13	JM

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP	JM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13	JM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

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:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
67-66-3	**Chloroform**	**0.780**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
156-59-2	**cis-1,2-Dichloroethylene**	**1.39**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 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:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JM

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

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
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 05:13	JM
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
74-88-4	* Iodomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13	JM
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
80-62-6	Methyl Methacrylate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	04/14/2022 05:13	JM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
75-09-2	**Methylene chloride**	**1.52**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 05:13	JM
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/14/2022 05:13	JM
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13	JM
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30	04/14/2022 05:13	JM
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.00	8.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.400	0.800	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/13/2022 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/13/2022 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/14/2022 05:13	JM

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

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
127-18-4	**Tetrachloroethylene**	**0.660**		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
109-99-9	* Tetrahydrofuran	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:			
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**14.0**		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	04/13/2022 12:30	04/14/2022 05:13	JM
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.70	5.41	1	EPA 8270D	04/11/2022 08:10	04/12/2022 18:30	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	04/11/2022 08:10	04/12/2022 18:30	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	04/11/2022 08:10	04/12/2022 18:30	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	04/11/2022 08:10	04/12/2022 18:30	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	04/11/2022 08:10	04/12/2022 18:30	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	04/11/2022 08:10	04/12/2022 18:30	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH
2312-35-8	* Propargite	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10	04/12/2022 18:30	KH
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	04/11/2022 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/12/2022 18:30	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.1 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*12.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.7 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.1 %*	*30.7-106*

Semi-Volatiles, 8270 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.81**		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	04/11/2022 08:10	04/14/2022 00:28	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/11/2022 08:10	04/14/2022 00:28	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 21:15	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes: PFSUBS

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)**	**3.03**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**12.2**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**5.42**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**12.7**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**20.7**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
375-95-1	*** Perfluorononanoic acid (PFNA)**	**3.40**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**14.9**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes: PFSUBS

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
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.73	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**5.38**		ng/L	1.89	1	EPA 537m Certifications:	04/12/2022 12:03	04/14/2022 02:15	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.3 %*	*25-150*
Surrogate: M5PFHxA	*87.6 %*	*25-150*
Surrogate: M4PFHpA	*81.7 %*	*25-150*
Surrogate: M3PFHxS	*112 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*88.3 %*	*25-150*
Surrogate: M6PFDA	*91.8 %*	*25-150*
Surrogate: M7PFUdA	*90.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*80.3 %*	*25-150*
Surrogate: M2PFTeDA	*76.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*40.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*109 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*14.8 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*88.8 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*103 %*	*25-150*
Surrogate: M2-6:2 FTS	*161 %*	*25-200*
Surrogate: M2-8:2 FTS	*160 %*	*25-200*
Surrogate: M9PFNA	*82.1 %*	*25-150*

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 13:26	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2022 08:06	04/10/2022 13:26	CM

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Pesticides, 8081 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications:	04/08/2022 08:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/10/2022 13:26	CM
12789-03-6	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B Certifications:	04/08/2022 08:06	04/10/2022 13:26	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	04/08/2022 08:06	04/08/2022 18:43	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.74**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0361**		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**19.0**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.0496**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**2.23**		mg/L	0.278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2.25**		mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.343**		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.64**	B	mg/L	0.0556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**40.4**		mg/L	0.556	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	04/11/2022 09:55	04/11/2022 15:55	KT
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.23**		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	04/11/2022 09:58	04/12/2022 13:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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	0.0002	1	EPA 7470	04/07/2022 18:10	04/07/2022 18:10	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Cyanide, Total

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
57-12-5	**Cyanide, total**	**0.119**		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	04/07/2022 13:26	04/08/2022 14:23	TJA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 22D0366-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:15 pm	04/07/2022

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 22D0366-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0366	356061 77 Cornell Street Kingston, NY	Water	April 6, 2022 7:35 pm	04/07/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	04/13/2022 08:02	04/14/2022 21:32	KH

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

Analytical Batch Summary

Batch ID: BD20439 **Preparation Method:** Analysis Preparation **Prepared By:** TJA

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/07/22
22D0366-02	MW-2	04/07/22
22D0366-03	MW-3	04/07/22
22D0366-04	MW-4	04/07/22
22D0366-05	MW-5	04/07/22
22D0366-06	MW-5 Dup	04/07/22
22D0366-07	MW-6	04/07/22
22D0366-08	MW-7	04/07/22
BD20439-BLK1	Blank	04/07/22
BD20439-BS1	LCS	04/07/22
BD20439-DUP1	Duplicate	04/07/22
BD20439-MS1	Matrix Spike	04/07/22

Batch ID: BD20473 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/07/22
22D0366-02	MW-2	04/07/22
22D0366-03	MW-3	04/07/22
22D0366-04	MW-4	04/07/22
22D0366-05	MW-5	04/07/22
22D0366-06	MW-5 Dup	04/07/22
22D0366-07	MW-6	04/07/22
22D0366-08	MW-7	04/07/22
BD20473-BLK1	Blank	04/07/22
BD20473-BS1	LCS	04/07/22
BD20473-BS2	LCS	04/07/22

Batch ID: BD20484 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNL

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-05	MW-5	04/08/22
22D0366-05	MW-5	04/08/22
22D0366-06	MW-5 Dup	04/08/22
22D0366-06	MW-5 Dup	04/08/22
22D0366-07	MW-6	04/08/22
22D0366-07	MW-6	04/08/22
22D0366-08	MW-7	04/08/22
22D0366-08	MW-7	04/08/22
BD20484-BLK1	Blank	04/08/22
BD20484-BLK2	Blank	04/08/22
BD20484-BS1	LCS	04/08/22
BD20484-BS2	LCS	04/08/22
BD20484-BSD1	LCS Dup	04/08/22
BD20484-BSD2	LCS Dup	04/08/22

Batch ID: BD20575 **Preparation Method:** EPA 3510C **Prepared By:** KNL

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-06	MW-5 Dup	04/11/22
22D0366-07	MW-6	04/11/22
22D0366-08	MW-7	04/11/22
BD20575-BLK1	Blank	04/11/22
BD20575-BLK2	Blank	04/11/22
BD20575-BS1	LCS	04/11/22
BD20575-BS2	LCS	04/11/22
BD20575-BSD1	LCS Dup	04/11/22

Batch ID: BD20592 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/11/22
22D0366-02	MW-2	04/11/22
22D0366-03	MW-3	04/11/22
22D0366-03RE1	MW-3	04/11/22
22D0366-04	MW-4	04/11/22
22D0366-05	MW-5	04/11/22
22D0366-06	MW-5 Dup	04/11/22
22D0366-07	MW-6	04/11/22
22D0366-08	MW-7	04/11/22
BD20592-BLK1	Blank	04/11/22
BD20592-BS1	LCS	04/11/22
BD20592-DUP1	Duplicate	04/11/22
BD20592-MS1	Matrix Spike	04/11/22
BD20592-PS1	Post Spike	04/11/22

Batch ID: BD20593 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/11/22
22D0366-02	MW-2	04/11/22
22D0366-03	MW-3	04/11/22
22D0366-04	MW-4	04/11/22
22D0366-05	MW-5	04/11/22
22D0366-06	MW-5 Dup	04/11/22
22D0366-07	MW-6	04/11/22
22D0366-08	MW-7	04/11/22
BD20593-BLK1	Blank	04/11/22
BD20593-BS1	LCS	04/11/22
BD20593-DUP1	Duplicate	04/11/22
BD20593-MS1	Matrix Spike	04/11/22

Batch ID: BD20673 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNL

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/12/22
22D0366-01	MW-1	04/12/22
22D0366-02	MW-2	04/12/22
22D0366-02	MW-2	04/12/22
22D0366-03	MW-3	04/12/22
22D0366-03	MW-3	04/12/22
22D0366-04	MW-4	04/12/22
22D0366-04	MW-4	04/12/22
BD20673-BLK1	Blank	04/12/22
BD20673-BLK2	Blank	04/12/22
BD20673-BS1	LCS	04/12/22
BD20673-BS2	LCS	04/12/22
BD20673-BSD1	LCS Dup	04/12/22
BD20673-BSD2	LCS Dup	04/12/22

Batch ID: BD20709 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/12/22
22D0366-02	MW-2	04/12/22
22D0366-03	MW-3	04/12/22
22D0366-04	MW-4	04/12/22
22D0366-05	MW-5	04/12/22
22D0366-06	MW-5 Dup	04/12/22
22D0366-07	MW-6	04/12/22
22D0366-08	MW-7	04/12/22
BD20709-BLK1	Blank	04/12/22
BD20709-BS1	LCS	04/12/22
BD20709-BSD1	LCS Dup	04/12/22

Batch ID: BD20712 **Preparation Method:** EPA 3510C **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/12/22
22D0366-02	MW-2	04/12/22
22D0366-03	MW-3	04/12/22
22D0366-04	MW-4	04/12/22
22D0366-05	MW-5	04/12/22
BD20712-BLK1	Blank	04/12/22
BD20712-BLK2	Blank	04/12/22
BD20712-BS1	LCS	04/12/22
BD20712-BS2	LCS	04/12/22
BD20712-MS1	Matrix Spike	04/12/22
BD20712-MSD1	Matrix Spike Dup	04/12/22

Batch ID: BD20752 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/13/22

22D0366-02	MW-2	04/13/22
22D0366-03	MW-3	04/13/22
22D0366-04	MW-4	04/13/22
22D0366-05	MW-5	04/13/22
22D0366-06	MW-5 Dup	04/13/22
22D0366-07	MW-6	04/13/22
22D0366-08	MW-7	04/13/22
22D0366-10	Field Blank	04/13/22
BD20752-BLK1	Blank	04/13/22
BD20752-BS1	LCS	04/13/22
BD20752-MS1	Matrix Spike	04/13/22
BD20752-MSD1	Matrix Spike Dup	04/13/22

Batch ID: BD20775 **Preparation Method:** EPA 5030B **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22D0366-01	MW-1	04/13/22
22D0366-02	MW-2	04/13/22
22D0366-03	MW-3	04/13/22
22D0366-04	MW-4	04/13/22
22D0366-05	MW-5	04/13/22
22D0366-06	MW-5 Dup	04/13/22
22D0366-07	MW-6	04/13/22
22D0366-08	MW-7	04/13/22
BD20775-BLK1	Blank	04/13/22
BD20775-BS1	LCS	04/13/22
BD20775-BSD1	LCS Dup	04/13/22
BD20775-MS1	Matrix Spike	04/13/22
BD20775-MSD1	Matrix Spike Dup	04/13/22

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 BD20775 - EPA 5030B											
Blank (BD20775-BLK1)											Prepared & Analyzed: 04/13/2022
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	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4,5-Tetramethylbenzene	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	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	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	"								
Bromobenzene	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	"								

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 BD20775 - EPA 5030B											
Blank (BD20775-BLK1)											Prepared & Analyzed: 04/13/2022
Dichlorodifluoromethane	ND	0.500	ug/L								
Diisopropyl ether (DIPE)	ND	0.800	"								
Ethyl Benzene	ND	0.500	"								
Ethyl tert-butyl ether (ETBE)	ND	0.800	"								
Hexachlorobutadiene	ND	0.500	"								
Iodomethane	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl Methacrylate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
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-Amyl alcohol (TAA)	ND	8.00	"								
tert-Amyl methyl ether (TAME)	ND	0.800	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Tetrahydrofuran	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*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 BD20775 - EPA 5030B											
LCS (BD20775-BS1)								Prepared & Analyzed: 04/13/2022			
1,1,1,2-Tetrachloroethane	9.27		ug/L	10.0		92.7	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	9.03		"	10.0		90.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	54-165				
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	8.63		"	10.0		86.3	76-136				
1,2,3-Trichloropropane	8.95		"	10.0		89.5	77-128				
1,2,4,5-Tetramethylbenzene	8.38		"	10.0		83.8	85-140	Low Bias			
1,2,4-Trichlorobenzene	8.17		"	10.0		81.7	76-137				
1,2,4-Trimethylbenzene	8.90		"	10.0		89.0	82-132				
1,2-Dibromo-3-chloropropane	8.57		"	10.0		85.7	45-147				
1,2-Dibromoethane	9.20		"	10.0		92.0	83-124				
1,2-Dichlorobenzene	8.86		"	10.0		88.6	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	9.29		"	10.0		92.9	78-126				
1,3,5-Trimethylbenzene	8.82		"	10.0		88.2	80-131				
1,3-Dichlorobenzene	8.85		"	10.0		88.5	86-122				
1,3-Dichloropropane	9.12		"	10.0		91.2	81-125				
1,4-Dichlorobenzene	8.91		"	10.0		89.1	85-124				
1,4-Dioxane	159		"	210		75.7	10-349				
2,2-Dichloropropane	8.69		"	10.0		86.9	56-150				
2-Butanone	10.0		"	10.0		100	49-152				
2-Chlorotoluene	9.07		"	10.0		90.7	79-130				
2-Hexanone	7.53		"	10.0		75.3	51-146				
4-Chlorotoluene	8.92		"	10.0		89.2	79-128				
4-Methyl-2-pentanone	8.15		"	10.0		81.5	57-145				
Acetone	6.64		"	10.0		66.4	14-150				
Acrolein	9.80		"	10.0		98.0	10-153				
Acrylonitrile	9.30		"	10.0		93.0	51-150				
Benzene	10.9		"	10.0		109	85-126				
Bromobenzene	8.55		"	10.0		85.5	78-129				
Bromochloromethane	9.50		"	10.0		95.0	77-128				
Bromodichloromethane	9.16		"	10.0		91.6	79-128				
Bromoform	9.31		"	10.0		93.1	78-133				
Bromomethane	1.77		"	10.0		17.7	43-168	Low Bias			
Carbon disulfide	11.5		"	10.0		115	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	7.10		"	10.0		71.0	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.69		"	10.0		86.9	80-131				
Cyclohexane	10.2		"	10.0		102	63-149				
Dibromochloromethane	9.02		"	10.0		90.2	80-130				
Dibromomethane	9.10		"	10.0		91.0	72-134				
Dichlorodifluoromethane	9.76		"	10.0		97.6	44-144				

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 BD20775 - EPA 5030B											
LCS (BD20775-BS1)								Prepared & Analyzed: 04/13/2022			
Diisopropyl ether (DIPE)	9.16		ug/L	10.0		91.6	70-130				
Ethyl Benzene	9.63		"	10.0		96.3	80-131				
Ethyl tert-butyl ether (ETBE)	9.29		"	10.0		92.9	70-130				
Hexachlorobutadiene	8.01		"	10.0		80.1	67-146				
Iodomethane	1.26		"	10.0		12.6	70-130	Low Bias			
Isopropylbenzene	9.30		"	10.0		93.0	76-140				
Methyl acetate	7.83		"	10.0		78.3	51-139				
Methyl Methacrylate	8.87		"	10.0		88.7	72-132				
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	76-135				
Methylcyclohexane	9.08		"	10.0		90.8	72-143				
Methylene chloride	10.6		"	10.0		106	55-137				
Naphthalene	8.59		"	10.0		85.9	70-147				
n-Butylbenzene	9.06		"	10.0		90.6	79-132				
n-Propylbenzene	9.03		"	10.0		90.3	78-133				
o-Xylene	9.71		"	10.0		97.1	78-130				
p- & m- Xylenes	19.9		"	20.0		99.4	77-133				
p-Diethylbenzene	8.58		"	10.0		85.8	84-134				
p-Ethyltoluene	9.17		"	10.0		91.7	88-129				
p-Isopropyltoluene	8.99		"	10.0		89.9	81-136				
sec-Butylbenzene	9.00		"	10.0		90.0	79-137				
Styrene	9.09		"	10.0		90.9	67-132				
tert-Amyl alcohol (TAA)	103		"	100		103	70-130				
tert-Amyl methyl ether (TAME)	9.96		"	10.0		99.6	70-130				
tert-Butyl alcohol (TBA)	49.3		"	50.0		98.6	25-162				
tert-Butylbenzene	9.13		"	10.0		91.3	77-138				
Tetrachloroethylene	5.82		"	10.0		58.2	82-131	Low Bias			
Tetrahydrofuran	8.97		"	10.0		89.7	36-166				
Toluene	9.58		"	10.0		95.8	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	8.54		"	10.0		85.4	78-131				
trans-1,4-dichloro-2-butene	8.77		"	10.0		87.7	63-141				
Trichloroethylene	9.25		"	10.0		92.5	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl acetate	8.81		"	10.0		88.1	21-90				
Vinyl Chloride	9.83		"	10.0		98.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

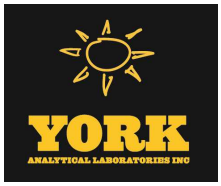
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20775 - EPA 5030B											
LCS Dup (BD20775-BSD1)								Prepared & Analyzed: 04/13/2022			
1,1,1,2-Tetrachloroethane	9.04		ug/L	10.0		90.4	82-126		2.51	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		3.54	30	
1,1,2,2-Tetrachloroethane	9.12		"	10.0		91.2	76-129		0.992	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		4.14	30	
1,1,2-Trichloroethane	9.23		"	10.0		92.3	82-123		2.19	30	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		3.47	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		4.26	30	
1,1-Dichloropropylene	9.93		"	10.0		99.3	83-133		5.01	30	
1,2,3-Trichlorobenzene	8.24		"	10.0		82.4	76-136		4.62	30	
1,2,3-Trichloropropane	8.98		"	10.0		89.8	77-128		0.335	30	
1,2,4,5-Tetramethylbenzene	8.17		"	10.0		81.7	85-140	Low Bias	2.54	30	
1,2,4-Trichlorobenzene	8.10		"	10.0		81.0	76-137		0.860	30	
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0	82-132		2.27	30	
1,2-Dibromo-3-chloropropane	8.59		"	10.0		85.9	45-147		0.233	30	
1,2-Dibromoethane	9.19		"	10.0		91.9	83-124		0.109	30	
1,2-Dichlorobenzene	8.74		"	10.0		87.4	79-123		1.36	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		0.663	30	
1,2-Dichloropropane	9.02		"	10.0		90.2	78-126		2.95	30	
1,3,5-Trimethylbenzene	8.59		"	10.0		85.9	80-131		2.64	30	
1,3-Dichlorobenzene	8.67		"	10.0		86.7	86-122		2.05	30	
1,3-Dichloropropane	9.05		"	10.0		90.5	81-125		0.770	30	
1,4-Dichlorobenzene	8.66		"	10.0		86.6	85-124		2.85	30	
1,4-Dioxane	156		"	210		74.4	10-349		1.74	30	
2,2-Dichloropropane	8.31		"	10.0		83.1	56-150		4.47	30	
2-Butanone	9.78		"	10.0		97.8	49-152		2.42	30	
2-Chlorotoluene	8.84		"	10.0		88.4	79-130		2.57	30	
2-Hexanone	7.60		"	10.0		76.0	51-146		0.925	30	
4-Chlorotoluene	8.74		"	10.0		87.4	79-128		2.04	30	
4-Methyl-2-pentanone	8.18		"	10.0		81.8	57-145		0.367	30	
Acetone	6.55		"	10.0		65.5	14-150		1.36	30	
Acrolein	10.2		"	10.0		102	10-153		4.10	30	
Acrylonitrile	9.26		"	10.0		92.6	51-150		0.431	30	
Benzene	10.5		"	10.0		105	85-126		3.36	30	
Bromobenzene	8.49		"	10.0		84.9	78-129		0.704	30	
Bromochloromethane	9.57		"	10.0		95.7	77-128		0.734	30	
Bromodichloromethane	8.99		"	10.0		89.9	79-128		1.87	30	
Bromoform	9.12		"	10.0		91.2	78-133		2.06	30	
Bromomethane	2.33		"	10.0		23.3	43-168	Low Bias	27.3	30	
Carbon disulfide	11.0		"	10.0		110	68-146		4.89	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		3.82	30	
Chlorobenzene	9.84		"	10.0		98.4	88-120		2.61	30	
Chloroethane	10.2		"	10.0		102	65-136		1.17	30	
Chloroform	10.4		"	10.0		104	82-128		2.48	30	
Chloromethane	6.98		"	10.0		69.8	43-155		1.70	30	
cis-1,2-Dichloroethylene	9.75		"	10.0		97.5	83-129		3.63	30	
cis-1,3-Dichloropropylene	8.57		"	10.0		85.7	80-131		1.39	30	
Cyclohexane	9.81		"	10.0		98.1	63-149		3.80	30	
Dibromochloromethane	9.03		"	10.0		90.3	80-130		0.111	30	
Dibromomethane	9.22		"	10.0		92.2	72-134		1.31	30	
Dichlorodifluoromethane	9.37		"	10.0		93.7	44-144		4.08	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 BD20775 - EPA 5030B											
LCS Dup (BD20775-BSD1)								Prepared & Analyzed: 04/13/2022			
Diisopropyl ether (DIPE)	8.98		ug/L	10.0		89.8	70-130		1.98	30	
Ethyl Benzene	9.39		"	10.0		93.9	80-131		2.52	30	
Ethyl tert-butyl ether (ETBE)	9.17		"	10.0		91.7	70-130		1.30	30	
Hexachlorobutadiene	7.71		"	10.0		77.1	67-146		3.82	30	
Iodomethane	1.17		"	10.0		11.7	70-130	Low Bias	7.41	30	
Isopropylbenzene	9.04		"	10.0		90.4	76-140		2.84	30	
Methyl acetate	7.78		"	10.0		77.8	51-139		0.641	30	
Methyl Methacrylate	9.01		"	10.0		90.1	72-132		1.57	30	
Methyl tert-butyl ether (MTBE)	9.91		"	10.0		99.1	76-135		0.804	30	
Methylcyclohexane	8.73		"	10.0		87.3	72-143		3.93	30	
Methylene chloride	11.2		"	10.0		112	55-137		4.78	30	
Naphthalene	8.50		"	10.0		85.0	70-147		1.05	30	
n-Butylbenzene	8.59		"	10.0		85.9	79-132		5.33	30	
n-Propylbenzene	8.73		"	10.0		87.3	78-133		3.38	30	
o-Xylene	9.40		"	10.0		94.0	78-130		3.24	30	
p- & m- Xylenes	19.2		"	20.0		96.0	77-133		3.48	30	
p-Diethylbenzene	8.33		"	10.0		83.3	84-134	Low Bias	2.96	30	
p-Ethyltoluene	8.90		"	10.0		89.0	88-129		2.99	30	
p-Isopropyltoluene	8.72		"	10.0		87.2	81-136		3.05	30	
sec-Butylbenzene	8.71		"	10.0		87.1	79-137		3.27	30	
Styrene	8.79		"	10.0		87.9	67-132		3.36	30	
tert-Amyl alcohol (TAA)	101		"	100		101	70-130		1.70	30	
tert-Amyl methyl ether (TAME)	9.88		"	10.0		98.8	70-130		0.806	30	
tert-Butyl alcohol (TBA)	48.5		"	50.0		97.1	25-162		1.57	30	
tert-Butylbenzene	8.87		"	10.0		88.7	77-138		2.89	30	
Tetrachloroethylene	5.57		"	10.0		55.7	82-131	Low Bias	4.39	30	
Tetrahydrofuran	9.07		"	10.0		90.7	36-166		1.11	30	
Toluene	9.32		"	10.0		93.2	80-127		2.75	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132		4.84	30	
trans-1,3-Dichloropropylene	8.44		"	10.0		84.4	78-131		1.18	30	
trans-1,4-dichloro-2-butene	8.51		"	10.0		85.1	63-141		3.01	30	
Trichloroethylene	8.94		"	10.0		89.4	82-128		3.41	30	
Trichlorofluoromethane	10.0		"	10.0		100	67-139		3.05	30	
Vinyl acetate	8.61		"	10.0		86.1	21-90		2.30	30	
Vinyl Chloride	9.54		"	10.0		95.4	58-145		2.99	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*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 BD20775 - EPA 5030B											
Matrix Spike (BD20775-MS1)	*Source sample: 22D0371-01 (Matrix Spike)							Prepared: 04/13/2022 Analyzed: 04/14/2022			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	0.00	106	45-161				
1,1,1-Trichloroethane	13.2		"	10.0	0.00	132	70-146				
1,1,2,2-Tetrachloroethane	10.5		"	10.0	0.00	105	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.5		"	10.0	0.00	145	21-217				
1,1,2-Trichloroethane	10.3		"	10.0	0.00	103	59-146				
1,1-Dichloroethane	12.4		"	10.0	0.00	124	54-146				
1,1-Dichloroethylene	13.8		"	10.0	0.00	138	44-165				
1,1-Dichloropropylene	12.5		"	10.0	0.00	125	82-134				
1,2,3-Trichlorobenzene	9.06		"	10.0	0.00	90.6	40-161				
1,2,3-Trichloropropane	10.4		"	10.0	0.00	104	74-127				
1,2,4,5-Tetramethylbenzene	9.52		"	10.0	0.00	95.2	27-190				
1,2,4-Trichlorobenzene	8.92		"	10.0	0.00	89.2	41-161				
1,2,4-Trimethylbenzene	10.2		"	10.0	0.00	102	72-129				
1,2-Dibromo-3-chloropropane	9.82		"	10.0	0.00	98.2	31-151				
1,2-Dibromoethane	10.6		"	10.0	0.00	106	75-125				
1,2-Dichlorobenzene	10.1		"	10.0	0.00	101	63-122				
1,2-Dichloroethane	12.4		"	10.0	0.00	124	68-131				
1,2-Dichloropropane	10.9		"	10.0	0.00	109	77-121				
1,3,5-Trimethylbenzene	10.1		"	10.0	0.00	101	69-126				
1,3-Dichlorobenzene	9.88		"	10.0	0.00	98.8	74-119				
1,3-Dichloropropane	10.5		"	10.0	0.00	105	77-119				
1,4-Dichlorobenzene	9.93		"	10.0	0.00	99.3	70-124				
1,4-Dioxane	199		"	210	0.00	94.6	10-310				
2,2-Dichloropropane	9.18		"	10.0	0.00	91.8	10-160				
2-Butanone	11.5		"	10.0	0.00	115	10-193				
2-Chlorotoluene	10.5		"	10.0	0.00	105	70-126				
2-Hexanone	8.79		"	10.0	0.00	87.9	53-133				
4-Chlorotoluene	10.2		"	10.0	0.00	102	69-124				
4-Methyl-2-pentanone	9.68		"	10.0	0.00	96.8	38-150				
Acetone	8.93		"	10.0	1.28	76.5	13-149				
Acrolein	12.6		"	10.0	0.00	126	10-195				
Acrylonitrile	10.5		"	10.0	0.00	105	37-165				
Benzene	12.8		"	10.0	0.00	128	38-155				
Bromobenzene	9.94		"	10.0	0.00	99.4	72-122				
Bromochloromethane	11.4		"	10.0	0.00	114	75-121				
Bromodichloromethane	10.7		"	10.0	0.00	107	70-129				
Bromoform	10.5		"	10.0	0.00	105	66-136				
Bromomethane	2.10		"	10.0	0.00	21.0	30-158	Low Bias			
Carbon disulfide	14.2		"	10.0	0.00	142	10-138	High Bias			
Carbon tetrachloride	13.7		"	10.0	0.00	137	71-146				
Chlorobenzene	11.6		"	10.0	0.00	116	81-117				
Chloroethane	13.6		"	10.0	0.00	136	51-145				
Chloroform	12.5		"	10.0	0.00	125	80-124	High Bias			
Chloromethane	10.1		"	10.0	0.00	101	16-163				
cis-1,2-Dichloroethylene	11.8		"	10.0	0.00	118	76-125				
cis-1,3-Dichloropropylene	9.97		"	10.0	0.00	99.7	58-131				
Cyclohexane	13.0		"	10.0	0.00	130	70-130				
Dibromochloromethane	10.4		"	10.0	0.00	104	71-129				
Dibromomethane	10.7		"	10.0	0.00	107	76-120				
Dichlorodifluoromethane	16.0		"	10.0	0.00	160	30-147	High Bias			

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 BD20775 - EPA 5030B											
Matrix Spike (BD20775-MS1)	*Source sample: 22D0371-01 (Matrix Spike)							Prepared: 04/13/2022 Analyzed: 04/14/2022			
Diisopropyl ether (DIPE)	11.8		ug/L	10.0	0.00	118	70-130				
Ethyl Benzene	11.2		"	10.0	0.00	112	72-128				
Ethyl tert-butyl ether (ETBE)	11.8		"	10.0	0.00	118	70-130				
Hexachlorobutadiene	8.23		"	10.0	0.00	82.3	34-166				
Iodomethane	1.93		"	10.0	0.00	19.3	70-130	Low Bias			
Isopropylbenzene	10.7		"	10.0	0.00	107	66-139				
Methyl acetate	8.97		"	10.0	0.00	89.7	10-200				
Methyl Methacrylate	10.3		"	10.0	0.00	103	68-124				
Methyl tert-butyl ether (MTBE)	21.8		"	10.0	9.31	125	75-128				
Methylcyclohexane	10.9		"	10.0	0.00	109	70-130				
Methylene chloride	9.93		"	10.0	0.230	97.0	57-128				
Naphthalene	9.47		"	10.0	0.00	94.7	39-158				
n-Butylbenzene	9.95		"	10.0	0.00	99.5	61-138				
n-Propylbenzene	10.3		"	10.0	0.00	103	66-134				
o-Xylene	11.2		"	10.0	0.00	112	69-126				
p- & m- Xylenes	22.8		"	20.0	0.00	114	67-130				
p-Diethylbenzene	9.63		"	10.0	0.00	96.3	52-150				
p-Ethyltoluene	10.6		"	10.0	0.00	106	76-127				
p-Isopropyltoluene	10.1		"	10.0	0.00	101	64-137				
sec-Butylbenzene	10.2		"	10.0	0.00	102	53-155				
Styrene	10.4		"	10.0	0.00	104	69-125				
tert-Amyl alcohol (TAA)	119		"	100	0.00	119	70-130				
tert-Amyl methyl ether (TAME)	12.4		"	10.0	0.00	124	70-130				
tert-Butyl alcohol (TBA)	61.2		"	50.0	0.00	122	10-130				
tert-Butylbenzene	10.5		"	10.0	0.00	105	65-139				
Tetrachloroethylene	6.70		"	10.0	0.00	67.0	64-139				
Tetrahydrofuran	10.1		"	10.0	0.220	99.0	10-188				
Toluene	11.2		"	10.0	0.00	112	76-123				
trans-1,2-Dichloroethylene	12.9		"	10.0	0.00	129	79-131				
trans-1,3-Dichloropropylene	9.67		"	10.0	0.00	96.7	55-130				
trans-1,4-dichloro-2-butene	9.98		"	10.0	0.00	99.8	25-155				
Trichloroethylene	10.8		"	10.0	0.00	108	53-145				
Trichlorofluoromethane	13.9		"	10.0	0.00	139	61-142				
Vinyl acetate	11.8		"	10.0	0.00	118	10-87	High Bias			
Vinyl Chloride	14.0		"	10.0	0.00	140	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.46*		*"*	*10.0*		*94.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*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 BD20775 - EPA 5030B											
Matrix Spike Dup (BD20775-MSD1)	*Source sample: 22D0371-01 (Matrix Spike Dup)								Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0	0.00	108	45-161		1.12	30	
1,1,1-Trichloroethane	13.2		"	10.0	0.00	132	70-146		0.0758	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0	0.00	104	74-121		0.191	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	15.2		"	10.0	0.00	152	21-217		4.58	30	
1,1,2-Trichloroethane	10.3		"	10.0	0.00	103	59-146		0.583	30	
1,1-Dichloroethane	12.5		"	10.0	0.00	125	54-146		0.644	30	
1,1-Dichloroethylene	13.8		"	10.0	0.00	138	44-165		0.290	30	
1,1-Dichloropropylene	12.6		"	10.0	0.00	126	82-134		0.878	30	
1,2,3-Trichlorobenzene	9.37		"	10.0	0.00	93.7	40-161		3.36	30	
1,2,3-Trichloropropane	10.3		"	10.0	0.00	103	74-127		0.581	30	
1,2,4,5-Tetramethylbenzene	9.71		"	10.0	0.00	97.1	27-190		1.98	30	
1,2,4-Trichlorobenzene	9.21		"	10.0	0.00	92.1	41-161		3.20	30	
1,2,4-Trimethylbenzene	10.2		"	10.0	0.00	102	72-129		0.980	30	
1,2-Dibromo-3-chloropropane	9.62		"	10.0	0.00	96.2	31-151		2.06	30	
1,2-Dibromoethane	10.7		"	10.0	0.00	107	75-125		1.04	30	
1,2-Dichlorobenzene	10.1		"	10.0	0.00	101	63-122		0.792	30	
1,2-Dichloroethane	12.3		"	10.0	0.00	123	68-131		0.324	30	
1,2-Dichloropropane	10.8		"	10.0	0.00	108	77-121		0.461	30	
1,3,5-Trimethylbenzene	10.2		"	10.0	0.00	102	69-126		1.38	30	
1,3-Dichlorobenzene	10.1		"	10.0	0.00	101	74-119		2.20	30	
1,3-Dichloropropane	10.5		"	10.0	0.00	105	77-119		0.190	30	
1,4-Dichlorobenzene	10.2		"	10.0	0.00	102	70-124		2.88	30	
1,4-Dioxane	189		"	210	0.00	89.9	10-310		5.08	30	
2,2-Dichloropropane	8.93		"	10.0	0.00	89.3	10-160		2.76	30	
2-Butanone	11.7		"	10.0	0.00	117	10-193		1.64	30	
2-Chlorotoluene	10.6		"	10.0	0.00	106	70-126		1.14	30	
2-Hexanone	8.85		"	10.0	0.00	88.5	53-133		0.680	30	
4-Chlorotoluene	10.4		"	10.0	0.00	104	69-124		1.36	30	
4-Methyl-2-pentanone	9.61		"	10.0	0.00	96.1	38-150		0.726	30	
Acetone	8.96		"	10.0	1.28	76.8	13-149		0.335	30	
Acrolein	12.7		"	10.0	0.00	127	10-195		1.03	30	
Acrylonitrile	11.4		"	10.0	0.00	114	37-165		8.76	30	
Benzene	12.8		"	10.0	0.00	128	38-155		0.234	30	
Bromobenzene	9.96		"	10.0	0.00	99.6	72-122		0.201	30	
Bromochloromethane	11.4		"	10.0	0.00	114	75-121		0.789	30	
Bromodichloromethane	10.6		"	10.0	0.00	106	70-129		0.376	30	
Bromoform	10.3		"	10.0	0.00	103	66-136		1.34	30	
Bromomethane	3.08		"	10.0	0.00	30.8	30-158		37.8	30	Non-dir.
Carbon disulfide	14.3		"	10.0	0.00	143	10-138	High Bias	0.771	30	
Carbon tetrachloride	13.7		"	10.0	0.00	137	71-146		0.0731	30	
Chlorobenzene	11.7		"	10.0	0.00	117	81-117		1.20	30	
Chloroethane	13.8		"	10.0	0.00	138	51-145		1.46	30	
Chloroform	12.5		"	10.0	0.00	125	80-124	High Bias	0.320	30	
Chloromethane	10.3		"	10.0	0.00	103	16-163		2.06	30	
cis-1,2-Dichloroethylene	11.7		"	10.0	0.00	117	76-125		0.340	30	
cis-1,3-Dichloropropylene	9.91		"	10.0	0.00	99.1	58-131		0.604	30	
Cyclohexane	13.1		"	10.0	0.00	131	70-130	High Bias	0.537	30	
Dibromochloromethane	10.4		"	10.0	0.00	104	71-129		0.192	30	
Dibromomethane	10.7		"	10.0	0.00	107	76-120		0.561	30	
Dichlorodifluoromethane	16.0		"	10.0	0.00	160	30-147	High Bias	0.125	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 BD20775 - EPA 5030B											
Matrix Spike Dup (BD20775-MSD1)	*Source sample: 22D0371-01 (Matrix Spike Dup)								Prepared: 04/13/2022 Analyzed: 04/14/2022		
Diisopropyl ether (DIPE)	11.7		ug/L	10.0	0.00	117	70-130		0.683	30	
Ethyl Benzene	11.3		"	10.0	0.00	113	72-128		1.07	30	
Ethyl tert-butyl ether (ETBE)	11.7		"	10.0	0.00	117	70-130		0.595	30	
Hexachlorobutadiene	8.66		"	10.0	0.00	86.6	34-166		5.09	30	
Iodomethane	2.28		"	10.0	0.00	22.8	70-130	Low Bias	16.6	30	
Isopropylbenzene	10.9		"	10.0	0.00	109	66-139		1.57	30	
Methyl acetate	8.70		"	10.0	0.00	87.0	10-200		3.06	30	
Methyl Methacrylate	10.0		"	10.0	0.00	100	68-124		2.37	30	
Methyl tert-butyl ether (MTBE)	21.7		"	10.0	9.31	124	75-128		0.735	30	
Methylcyclohexane	11.2		"	10.0	0.00	112	70-130		3.35	30	
Methylene chloride	10.0		"	10.0	0.230	97.9	57-128		0.902	30	
Naphthalene	9.63		"	10.0	0.00	96.3	39-158		1.68	30	
n-Butylbenzene	10.4		"	10.0	0.00	104	61-138		4.13	30	
n-Propylbenzene	10.5		"	10.0	0.00	105	66-134		2.12	30	
o-Xylene	11.2		"	10.0	0.00	112	69-126		0.446	30	
p- & m- Xylenes	23.0		"	20.0	0.00	115	67-130		0.872	30	
p-Diethylbenzene	9.96		"	10.0	0.00	99.6	52-150		3.37	30	
p-Ethyltoluene	10.8		"	10.0	0.00	108	76-127		2.62	30	
p-Isopropyltoluene	10.3		"	10.0	0.00	103	64-137		2.35	30	
sec-Butylbenzene	10.4		"	10.0	0.00	104	53-155		2.63	30	
Styrene	10.3		"	10.0	0.00	103	69-125		1.06	30	
tert-Amyl alcohol (TAA)	118		"	100	0.00	118	70-130		0.901	30	
tert-Amyl methyl ether (TAME)	12.4		"	10.0	0.00	124	70-130		0.403	30	
tert-Butyl alcohol (TBA)	61.3		"	50.0	0.00	123	10-130		0.131	30	
tert-Butylbenzene	10.6		"	10.0	0.00	106	65-139		0.853	30	
Tetrachloroethylene	6.90		"	10.0	0.00	69.0	64-139		2.94	30	
Tetrahydrofuran	10.2		"	10.0	0.220	99.3	10-188		0.296	30	
Toluene	11.2		"	10.0	0.00	112	76-123		0.179	30	
trans-1,2-Dichloroethylene	12.9		"	10.0	0.00	129	79-131		0.233	30	
trans-1,3-Dichloropropylene	9.70		"	10.0	0.00	97.0	55-130		0.310	30	
trans-1,4-dichloro-2-butene	10.1		"	10.0	0.00	101	25-155		1.49	30	
Trichloroethylene	11.0		"	10.0	0.00	110	53-145		1.75	30	
Trichlorofluoromethane	14.0		"	10.0	0.00	140	61-142		0.858	30	
Vinyl acetate	11.8		"	10.0	0.00	118	10-87	High Bias	0.169	30	
Vinyl Chloride	14.1		"	10.0	0.00	141	31-165		0.213	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*79-122*				

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 BD20575 - EPA 3510C											
Blank (BD20575-BLK1)									Prepared & Analyzed: 04/11/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*15.8*		"	*50.0*		*31.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*5.59*		"	*50.0*		*11.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.7*		"	*25.0*		*54.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.9*		"	*25.0*		*63.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.3*		"	*50.0*		*86.7*	*39.3-151*				

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 BD20575 - EPA 3510C											
Blank (BD20575-BLK1)									Prepared & Analyzed: 04/11/2022		
Surrogate: SURR: Terphenyl-d14	*19.9*		*ug/L*	*25.0*		*79.6*	*30.7-106*				
Blank (BD20575-BLK2)									Prepared & Analyzed: 04/11/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								

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 BD20575 - EPA 3510C											
Blank (BD20575-BLK2)											Prepared & Analyzed: 04/11/2022
Dimethyl phthalate	ND	5.00	ug/L								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	0.170	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				

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 BD20575 - EPA 3510C											
LCS (BD20575-BS1)							Prepared & Analyzed: 04/11/2022				
1,1-Biphenyl	17.0	5.00	ug/L	25.0		68.0	33-95				
1,2,4,5-Tetrachlorobenzene	15.8	5.00	"	25.0		63.4	26-120				
2,3,4,6-Tetrachlorophenol	19.4	5.00	"	25.0		77.6	30-130				
2,4,5-Trichlorophenol	16.6	5.00	"	25.0		66.4	32-114				
2,4,6-Trichlorophenol	14.8	5.00	"	25.0		59.1	35-118				
2,4-Dichlorophenol	14.0	5.00	"	25.0		55.9	25-116				
2,4-Dimethylphenol	12.3	5.00	"	25.0		49.3	15-116				
2,4-Dinitrophenol	17.3	5.00	"	25.0		69.3	10-170				
2,4-Dinitrotoluene	16.7	5.00	"	25.0		66.8	41-128				
2,6-Dinitrotoluene	17.4	5.00	"	25.0		69.6	45-116				
2-Chloronaphthalene	13.5	5.00	"	25.0		54.0	33-112				
2-Chlorophenol	12.1	5.00	"	25.0		48.4	15-120				
2-Methylnaphthalene	13.7	5.00	"	25.0		54.9	24-118				
2-Methylphenol	10.0	5.00	"	25.0		40.0	10-110				
2-Nitroaniline	15.8	5.00	"	25.0		63.3	34-129				
2-Nitrophenol	14.5	5.00	"	25.0		57.8	28-118				
3- & 4-Methylphenols	8.12	5.00	"	25.0		32.5	10-107				
3,3-Dichlorobenzidine	17.2	5.00	"	25.0		68.9	15-187				
3-Nitroaniline	15.3	5.00	"	25.0		61.4	24-134				
4,6-Dinitro-2-methylphenol	16.8	5.00	"	25.0		67.1	10-153				
4-Bromophenyl phenyl ether	15.6	5.00	"	25.0		62.5	34-120				
4-Chloro-3-methylphenol	14.4	5.00	"	25.0		57.6	20-120				
4-Chloroaniline	9.97	5.00	"	25.0		39.9	10-147				
4-Chlorophenyl phenyl ether	15.6	5.00	"	25.0		62.4	27-121				
4-Nitroaniline	15.9	5.00	"	25.0		63.4	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	15.1	5.00	"	25.0		60.3	25-110				
Benzaldehyde	15.0	5.00	"	25.0		59.8	29-117				
Benzyl butyl phthalate	14.0	5.00	"	25.0		56.2	29-133				
Bis(2-chloroethoxy)methane	11.6	5.00	"	25.0		46.6	10-154				
Bis(2-chloroethyl)ether	13.1	5.00	"	25.0		52.3	17-125				
Bis(2-chloroisopropyl)ether	12.4	5.00	"	25.0		49.7	10-139				
Caprolactam	3.63	5.00	"	25.0		14.5	10-137				
Carbazole	14.0	5.00	"	25.0		55.9	42-126				
Dibenzofuran	14.7	5.00	"	25.0		59.0	36-113				
Diethyl phthalate	14.4	5.00	"	25.0		57.4	38-115				
Dimethyl phthalate	15.3	5.00	"	25.0		61.2	38-129				
Di-n-butyl phthalate	14.4	5.00	"	25.0		57.7	31-120				
Di-n-octyl phthalate	14.6	5.00	"	25.0		58.3	21-149				
Hexachlorocyclopentadiene	14.4	10.0	"	25.0		57.8	10-130				
Isophorone	13.3	5.00	"	25.0		53.4	25-127				
N-nitroso-di-n-propylamine	11.9	5.00	"	25.0		47.6	26-122				
N-Nitrosodiphenylamine	17.5	5.00	"	25.0		70.1	23-149				
Phenol	4.16	5.00	"	25.0		16.6	10-110				
Pyridine	10.3	5.00	"	25.5		40.5	10-90				
Surrogate: SURR: 2-Fluorophenol	*13.9*		*"*	*50.0*		*27.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*6.29*		*"*	*50.0*		*12.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.9*		*"*	*25.0*		*55.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.4*		*"*	*25.0*		*65.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.5*		*"*	*50.0*		*74.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.3*		*"*	*25.0*		*65.2*	*30.7-106*				

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 BD20575 - EPA 3510C											
LCS (BD20575-BS2)							Prepared & Analyzed: 04/11/2022				
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.680	0.0500	"	1.00		68.0	25-116				
Acenaphthylene	0.760	0.0500	"	1.00		76.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Anthracene	0.790	0.0500	"	1.00		79.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.600	0.0500	"	1.00		60.0	33-125				
Benzo(a)pyrene	0.300	0.0500	"	1.00		30.0	32-132	Low Bias			
Benzo(b)fluoranthene	0.830	0.0500	"	1.00		83.0	22-137				
Benzo(g,h,i)perylene	0.880	0.0500	"	1.00		88.0	10-138				
Benzo(k)fluoranthene	0.740	0.0500	"	1.00		74.0	20-137				
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	0.940	0.500	"	1.00		94.0	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	0.880	0.0500	"	1.00		88.0	32-124				
Dibenzo(a,h)anthracene	0.950	0.0500	"	1.00		95.0	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Fluoranthene	1.34	0.0500	"	1.00		134	32-121	High Bias			

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 BD20575 - EPA 3510C											
LCS (BD20575-BS2)							Prepared & Analyzed: 04/11/2022				
Fluorene	0.810	0.0500	ug/L	1.00		81.0	28-118				
Hexachlorobenzene	0.870	0.0200	"	1.00		87.0	23-124				
Hexachlorobutadiene	0.800	0.500	"	1.00		80.0	15-123				
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	3.45	0.500	"	1.00		345	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.800	0.0500	"	1.00		80.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.830	0.0500	"	1.00		83.0	18-120				
Nitrobenzene	0.860	0.250	"	1.00		86.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	0.920	0.250	"	1.00		92.0	10-156				
Phenanthrene	0.810	0.0500	"	1.00		81.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.740	0.0500	"	1.00		74.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				
LCS Dup (BD20575-BSD1)							Prepared & Analyzed: 04/11/2022				
1,1-Biphenyl	19.5	5.00	ug/L	25.0		77.8	33-95		13.4	20	
1,2,4,5-Tetrachlorobenzene	18.5	5.00	"	25.0		74.0	26-120		15.5	20	
2,3,4,6-Tetrachlorophenol	19.6	5.00	"	25.0		78.3	30-130		0.872	20	
2,4,5-Trichlorophenol	18.8	5.00	"	25.0		75.3	32-114		12.5	20	
2,4,6-Trichlorophenol	18.5	5.00	"	25.0		74.0	35-118		22.3	20	Non-dir.
2,4-Dichlorophenol	15.2	5.00	"	25.0		60.8	25-116		8.43	20	
2,4-Dimethylphenol	15.9	5.00	"	25.0		63.6	15-116		25.4	20	Non-dir.
2,4-Dinitrophenol	24.1	5.00	"	25.0		96.5	10-170		32.8	20	Non-dir.
2,4-Dinitrotoluene	18.7	5.00	"	25.0		75.0	41-128		11.5	20	
2,6-Dinitrotoluene	19.5	5.00	"	25.0		77.9	45-116		11.2	20	
2-Chloronaphthalene	15.7	5.00	"	25.0		62.9	33-112		15.2	20	
2-Chlorophenol	14.4	5.00	"	25.0		57.5	15-120		17.2	20	
2-Methylnaphthalene	17.2	5.00	"	25.0		69.0	24-118		22.7	20	Non-dir.
2-Methylphenol	12.7	5.00	"	25.0		50.8	10-110		23.9	20	Non-dir.
2-Nitroaniline	18.6	5.00	"	25.0		74.3	34-129		15.9	20	
2-Nitrophenol	17.1	5.00	"	25.0		68.4	28-118		16.8	20	
3- & 4-Methylphenols	9.77	5.00	"	25.0		39.1	10-107		18.4	20	
3,3-Dichlorobenzidine	19.6	5.00	"	25.0		78.3	15-187		12.7	20	
3-Nitroaniline	18.0	5.00	"	25.0		72.0	24-134		15.9	20	
4,6-Dinitro-2-methylphenol	21.0	5.00	"	25.0		84.2	10-153		22.6	20	Non-dir.
4-Bromophenyl phenyl ether	17.7	5.00	"	25.0		70.6	34-120		12.2	20	
4-Chloro-3-methylphenol	17.0	5.00	"	25.0		68.1	20-120		16.7	20	
4-Chloroaniline	11.0	5.00	"	25.0		43.9	10-147		9.64	20	
4-Chlorophenyl phenyl ether	16.9	5.00	"	25.0		67.8	27-121		8.30	20	
4-Nitroaniline	14.4	5.00	"	25.0		57.7	13-134		9.44	20	
4-Nitrophenol	7.30	5.00	"	25.0		29.2	10-131		67.2	20	Non-dir.

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 BD20575 - EPA 3510C											
LCS Dup (BD20575-BSD1)								Prepared & Analyzed: 04/11/2022			
Acetophenone	18.2	5.00	ug/L	25.0		72.8	25-110		18.8	20	
Benzaldehyde	17.2	5.00	"	25.0		68.8	29-117		13.9	20	
Benzyl butyl phthalate	17.1	5.00	"	25.0		68.4	29-133		19.6	20	
Bis(2-chloroethoxy)methane	14.4	5.00	"	25.0		57.6	10-154		21.1	20	Non-dir.
Bis(2-chloroethyl)ether	13.7	5.00	"	25.0		54.7	17-125		4.49	20	
Bis(2-chloroisopropyl)ether	15.2	5.00	"	25.0		60.9	10-139		20.3	20	Non-dir.
Caprolactam	3.13	5.00	"	25.0		12.5	10-137		14.8	20	
Carbazole	16.2	5.00	"	25.0		64.9	42-126		14.8	20	
Dibenzofuran	16.8	5.00	"	25.0		67.4	36-113		13.4	20	
Diethyl phthalate	16.6	5.00	"	25.0		66.4	38-115		14.5	20	
Dimethyl phthalate	17.0	5.00	"	25.0		68.0	38-129		10.6	20	
Di-n-butyl phthalate	17.4	5.00	"	25.0		69.6	31-120		18.8	20	
Di-n-octyl phthalate	17.4	5.00	"	25.0		69.8	21-149		17.9	20	
Hexachlorocyclopentadiene	17.0	10.0	"	25.0		68.0	10-130		16.3	20	
Isophorone	15.8	5.00	"	25.0		63.0	25-127		16.6	20	
N-nitroso-di-n-propylamine	13.3	5.00	"	25.0		53.3	26-122		11.4	20	
N-Nitrosodiphenylamine	19.4	5.00	"	25.0		77.5	23-149		10.1	20	
Phenol	5.01	5.00	"	25.0		20.0	10-110		18.5	20	
Pyridine	10.0	5.00	"	25.5		39.3	10-90		3.24	20	
Surrogate: SURR: 2-Fluorophenol	*16.9*		"	*50.0*		*33.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.34*		"	*50.0*		*16.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.1*		"	*25.0*		*64.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.6*		"	*25.0*		*70.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.7*		"	*50.0*		*87.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		"	*25.0*		*68.8*	*30.7-106*				
Batch BD20712 - EPA 3510C											
Blank (BD20712-BLK1)								Prepared: 04/12/2022 Analyzed: 04/13/2022			
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								

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 BD20712 - EPA 3510C											
Blank (BD20712-BLK1)											Prepared: 04/12/2022 Analyzed: 04/13/2022
4-Chloroaniline	ND	5.00	ug/L								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*17.2*		"	*50.0*		*34.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*6.13*		"	*50.0*		*12.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.3*		"	*25.0*		*57.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.1*		"	*25.0*		*64.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*46.2*		"	*50.0*		*92.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.5*		"	*25.0*		*82.1*	*30.7-106*				

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 BD20712 - EPA 3510C											
Blank (BD20712-BLK2)											
Prepared: 04/12/2022 Analyzed: 04/13/2022											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

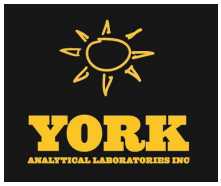
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20712 - EPA 3510C											
Blank (BD20712-BLK2)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
Fluoranthene	ND	0.0500	ug/L								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				
LCS (BD20712-BS1)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
1,1-Biphenyl	22.6	5.00	ug/L	25.0		90.4	33-95				
1,2,4,5-Tetrachlorobenzene	24.0	5.00	"	25.0		95.8	26-120				
2,3,4,6-Tetrachlorophenol	27.8	5.00	"	25.0		111	30-130				
2,4,5-Trichlorophenol	27.4	5.00	"	25.0		110	32-114				
2,4,6-Trichlorophenol	25.2	5.00	"	25.0		101	35-118				
2,4-Dichlorophenol	23.1	5.00	"	25.0		92.3	25-116				
2,4-Dimethylphenol	19.6	5.00	"	25.0		78.4	15-116				
2,4-Dinitrophenol	32.7	5.00	"	25.0		131	10-170				
2,4-Dinitrotoluene	26.2	5.00	"	25.0		105	41-128				
2,6-Dinitrotoluene	26.5	5.00	"	25.0		106	45-116				
2-Chloronaphthalene	21.6	5.00	"	25.0		86.4	33-112				
2-Chlorophenol	17.9	5.00	"	25.0		71.7	15-120				
2-Methylnaphthalene	21.8	5.00	"	25.0		87.2	24-118				
2-Methylphenol	15.1	5.00	"	25.0		60.4	10-110				
2-Nitroaniline	25.4	5.00	"	25.0		102	34-129				
2-Nitrophenol	22.4	5.00	"	25.0		89.6	28-118				
3- & 4-Methylphenols	12.7	5.00	"	25.0		51.0	10-107				
3,3-Dichlorobenzidine	25.5	5.00	"	25.0		102	15-187				
3-Nitroaniline	24.6	5.00	"	25.0		98.5	24-134				
4,6-Dinitro-2-methylphenol	28.4	5.00	"	25.0		114	10-153				
4-Bromophenyl phenyl ether	23.3	5.00	"	25.0		93.4	34-120				
4-Chloro-3-methylphenol	21.6	5.00	"	25.0		86.5	20-120				
4-Chloroaniline	12.6	5.00	"	25.0		50.4	10-147				
4-Chlorophenyl phenyl ether	23.4	5.00	"	25.0		93.7	27-121				

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 BD20712 - EPA 3510C											
LCS (BD20712-BS1)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
4-Nitroaniline	19.9	5.00	ug/L	25.0		79.6	13-134				
4-Nitrophenol	7.63	5.00	"	25.0		30.5	10-131				
Acetophenone	18.9	5.00	"	25.0		75.4	25-110				
Benzaldehyde	18.1	5.00	"	25.0		72.6	29-117				
Benzyl butyl phthalate	21.0	5.00	"	25.0		84.0	29-133				
Bis(2-chloroethoxy)methane	17.3	5.00	"	25.0		69.2	10-154				
Bis(2-chloroethyl)ether	17.8	5.00	"	25.0		71.1	17-125				
Bis(2-chloroisopropyl)ether	18.5	5.00	"	25.0		73.9	10-139				
Caprolactam	2.96	5.00	"	25.0		11.8	10-137				
Carbazole	22.0	5.00	"	25.0		87.8	42-126				
Dibenzofuran	22.4	5.00	"	25.0		89.6	36-113				
Diethyl phthalate	22.4	5.00	"	25.0		89.5	38-115				
Dimethyl phthalate	22.8	5.00	"	25.0		91.2	38-129				
Di-n-butyl phthalate	21.2	5.00	"	25.0		85.0	31-120				
Di-n-octyl phthalate	22.6	5.00	"	25.0		90.2	21-149				
Hexachlorocyclopentadiene	21.0	10.0	"	25.0		84.2	10-130				
Isophorone	20.4	5.00	"	25.0		81.4	25-127				
N-nitroso-di-n-propylamine	17.9	5.00	"	25.0		71.6	26-122				
N-Nitrosodiphenylamine	26.4	5.00	"	25.0		106	23-149				
Phenol	6.11	5.00	"	25.0		24.4	10-110				
Pyridine	7.90	5.00	"	25.5		31.0	10-90				
Surrogate: SURR: 2-Fluorophenol	*19.1*		*"*	*50.0*		*38.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.2*		*"*	*50.0*		*20.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.1*		*"*	*25.0*		*72.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.2*		*"*	*25.0*		*81.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*53.5*		*"*	*50.0*		*107*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.3*		*"*	*25.0*		*85.1*	*30.7-106*				



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 BD20712 - EPA 3510C											
LCS (BD20712-BS2)								Prepared: 04/12/2022 Analyzed: 04/13/2022			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.780	0.0500	"	1.00		78.0	25-116				
Acenaphthylene	0.860	0.0500	"	1.00		86.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Anthracene	0.340	0.0500	"	1.00		34.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.730	0.0500	"	1.00		73.0	33-125				
Benzo(a)pyrene	0.330	0.0500	"	1.00		33.0	32-132				
Benzo(b)fluoranthene	1.03	0.0500	"	1.00		103	22-137				
Benzo(g,h,i)perylene	1.00	0.0500	"	1.00		100	10-138				
Benzo(k)fluoranthene	0.910	0.0500	"	1.00		91.0	20-137				
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	5.35	0.500	"	1.00		535	10-189	High Bias			
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	1.06	0.0500	"	1.00		106	32-124				
Dibenzo(a,h)anthracene	1.03	0.0500	"	1.00		103	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Fluoranthene	1.00	0.0500	"	1.00		100	32-121				

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 BD20712 - EPA 3510C											
LCS (BD20712-BS2)								Prepared: 04/12/2022 Analyzed: 04/13/2022			
Fluorene	0.930	0.0500	ug/L	1.00		93.0	28-118				
Hexachlorobenzene	0.900	0.0200	"	1.00		90.0	23-124				
Hexachlorobutadiene	0.810	0.500	"	1.00		81.0	15-123				
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	4.46	0.500	"	1.00		446	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.890	0.0500	"	1.00		89.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.920	0.0500	"	1.00		92.0	18-120				
Nitrobenzene	1.12	0.250	"	1.00		112	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	1.37	0.250	"	1.00		137	10-156				
Phenanthrene	0.970	0.0500	"	1.00		97.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.930	0.0500	"	1.00		93.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				
Matrix Spike (BD20712-MS1)	*Source sample: 22D0371-01 (Matrix Spike)							Prepared: 04/12/2022 Analyzed: 04/13/2022			
1,1-Biphenyl	24.5	5.26	ug/L	26.3	ND	93.0	26-79	High Bias			
1,2,4,5-Tetrachlorobenzene	24.6	5.26	"	26.3	ND	93.3	33-90	High Bias			
2,3,4,6-Tetrachlorophenol	29.5	5.26	"	26.3	ND	112	30-130				
2,4,5-Trichlorophenol	27.7	5.26	"	26.3	ND	105	43-96	High Bias			
2,4,6-Trichlorophenol	27.2	5.26	"	26.3	ND	103	46-94	High Bias			
2,4-Dichlorophenol	22.2	5.26	"	26.3	ND	84.4	26-101				
2,4-Dimethylphenol	19.4	5.26	"	26.3	ND	73.8	10-104				
2,4-Dinitrophenol	29.8	5.26	"	26.3	ND	113	10-146				
2,4-Dinitrotoluene	26.3	5.26	"	26.3	ND	99.9	30-108				
2,6-Dinitrotoluene	25.4	5.26	"	26.3	ND	96.6	38-98				
2-Chloronaphthalene	22.0	5.26	"	26.3	ND	83.8	30-89				
2-Chlorophenol	19.2	5.26	"	26.3	ND	72.9	24-98				
2-Methylnaphthalene	22.3	5.26	"	26.3	ND	84.6	10-112				
2-Methylphenol	17.3	5.26	"	26.3	ND	65.8	10-134				
2-Nitroaniline	20.1	5.26	"	26.3	ND	76.6	25-110				
2-Nitrophenol	23.6	5.26	"	26.3	ND	89.6	10-139				
3- & 4-Methylphenols	13.9	5.26	"	26.3	ND	53.0	10-91				
3,3-Dichlorobenzidine	15.1	5.26	"	26.3	ND	57.2	10-140				
3-Nitroaniline	19.5	5.26	"	26.3	ND	74.2	22-111				
4,6-Dinitro-2-methylphenol	31.0	5.26	"	26.3	ND	118	10-140				
4-Bromophenyl phenyl ether	24.9	5.26	"	26.3	ND	94.8	30-108				
4-Chloro-3-methylphenol	21.0	5.26	"	26.3	ND	80.0	11-109				
4-Chloroaniline	13.2	5.26	"	26.3	ND	50.2	10-116				
4-Chlorophenyl phenyl ether	24.1	5.26	"	26.3	ND	91.5	39-85	High Bias			
4-Nitroaniline	10.2	5.26	"	26.3	ND	38.6	11-132				
4-Nitrophenol	8.12	5.26	"	26.3	ND	30.8	10-82				

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 BD20712 - EPA 3510C											
Matrix Spike (BD20712-MS1)	*Source sample: 22D0371-01 (Matrix Spike)							Prepared: 04/12/2022 Analyzed: 04/13/2022			
Acetophenone	23.4	5.26	ug/L	26.3	ND	89.0	14-102				
Benzaldehyde	21.5	5.26	"	26.3	ND	81.8	13-87				
Benzyl butyl phthalate	21.3	5.26	"	26.3	ND	81.0	10-133				
Bis(2-chloroethoxy)methane	20.0	5.26	"	26.3	ND	76.0	18-105				
Bis(2-chloroethyl)ether	19.8	5.26	"	26.3	ND	75.2	10-108				
Bis(2-chloroisopropyl)ether	19.4	5.26	"	26.3	ND	73.9	13-116				
Caprolactam	2.89	5.26	"	26.3	ND	11.0	10-75				
Carbazole	22.8	5.26	"	26.3	ND	86.6	36-108				
Dibenzofuran	23.4	5.26	"	26.3	ND	88.8	34-92				
Diethyl phthalate	23.2	5.26	"	26.3	ND	88.3	33-98				
Dimethyl phthalate	23.3	5.26	"	26.3	ND	88.6	18-116				
Di-n-butyl phthalate	22.3	5.26	"	26.3	ND	84.8	25-97				
Di-n-octyl phthalate	22.6	5.26	"	26.3	ND	85.8	10-137				
Hexachlorocyclopentadiene	21.9	10.5	"	26.3	ND	83.0	10-79	High Bias			
Isophorone	20.8	5.26	"	26.3	ND	79.0	25-103				
N-nitroso-di-n-propylamine	19.1	5.26	"	26.3	ND	72.6	19-115				
N-Nitrosodiphenylamine	27.1	5.26	"	26.3	ND	103	31-112				
Phenol	7.65	5.26	"	26.3	ND	29.1	10-61				
Pyridine	8.43	5.26	"	26.8	ND	31.4	10-78				
Surrogate: SURR: 2-Fluorophenol	*21.3*		*"*	*52.6*		*40.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.2*		*"*	*52.6*		*21.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.0*		*"*	*26.3*		*72.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*22.3*		*"*	*26.3*		*84.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.3*		*"*	*52.6*		*97.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.9*		*"*	*26.3*		*71.7*	*30.7-106*				
Matrix Spike Dup (BD20712-MSD1)	*Source sample: 22D0371-01 (Matrix Spike Dup)							Prepared: 04/12/2022 Analyzed: 04/13/2022			
1,1-Biphenyl	23.2	5.26	ug/L	26.3	ND	88.3	26-79	High Bias	5.21	25	
1,2,4,5-Tetrachlorobenzene	22.9	5.26	"	26.3	ND	86.9	33-90		7.10	25	
2,3,4,6-Tetrachlorophenol	26.4	5.26	"	26.3	ND	100	30-130		11.2	25	
2,4,5-Trichlorophenol	26.5	5.26	"	26.3	ND	101	43-96	High Bias	4.62	25	
2,4,6-Trichlorophenol	24.7	5.26	"	26.3	ND	93.8	46-94		9.77	25	
2,4-Dichlorophenol	23.7	5.26	"	26.3	ND	90.0	26-101		6.38	25	
2,4-Dimethylphenol	20.6	5.26	"	26.3	ND	78.3	10-104		5.89	25	
2,4-Dinitrophenol	36.1	5.26	"	26.3	ND	137	10-146		19.2	25	
2,4-Dinitrotoluene	24.7	5.26	"	26.3	ND	93.7	30-108		6.41	25	
2,6-Dinitrotoluene	23.8	5.26	"	26.3	ND	90.5	38-98		6.50	25	
2-Chloronaphthalene	21.8	5.26	"	26.3	ND	82.7	30-89		1.25	25	
2-Chlorophenol	20.3	5.26	"	26.3	ND	77.0	24-98		5.44	25	
2-Methylnaphthalene	23.7	5.26	"	26.3	ND	89.9	10-112		6.14	25	
2-Methylphenol	17.6	5.26	"	26.3	ND	67.0	10-134		1.87	25	
2-Nitroaniline	20.6	5.26	"	26.3	ND	78.2	25-110		2.07	25	
2-Nitrophenol	24.5	5.26	"	26.3	ND	93.0	10-139		3.72	25	
3- & 4-Methylphenols	13.6	5.26	"	26.3	ND	51.8	10-91		2.21	25	
3,3-Dichlorobenzidine	13.2	5.26	"	26.3	ND	50.1	10-140		13.3	25	
3-Nitroaniline	19.9	5.26	"	26.3	ND	75.7	22-111		2.08	25	
4,6-Dinitro-2-methylphenol	29.1	5.26	"	26.3	ND	111	10-140		6.17	25	
4-Bromophenyl phenyl ether	23.3	5.26	"	26.3	ND	88.4	30-108		6.90	25	
4-Chloro-3-methylphenol	23.1	5.26	"	26.3	ND	87.6	11-109		9.16	25	
4-Chloroaniline	13.6	5.26	"	26.3	ND	51.8	10-116		3.22	25	
4-Chlorophenyl phenyl ether	22.2	5.26	"	26.3	ND	84.2	39-85		8.24	25	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

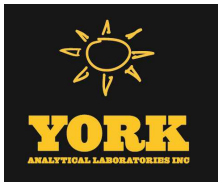
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20712 - EPA 3510C											
Matrix Spike Dup (BD20712-MSD1)	*Source sample: 22D0371-01 (Matrix Spike Dup)								Prepared: 04/12/2022 Analyzed: 04/13/2022		
4-Nitroaniline	9.36	5.26	ug/L	26.3	ND	35.6	11-132		8.30	25	
4-Nitrophenol	11.2	5.26	"	26.3	ND	42.4	10-82		31.7	25	Non-dir.
Acetophenone	23.5	5.26	"	26.3	ND	89.4	14-102		0.538	25	
Benzaldehyde	21.4	5.26	"	26.3	ND	81.4	13-87		0.539	25	
Benzyl butyl phthalate	20.7	5.26	"	26.3	ND	78.8	10-133		2.75	25	
Bis(2-chloroethoxy)methane	19.3	5.26	"	26.3	ND	73.3	18-105		3.64	25	
Bis(2-chloroethyl)ether	20.0	5.26	"	26.3	ND	76.2	10-108		1.32	25	
Bis(2-chloroisopropyl)ether	20.0	5.26	"	26.3	ND	76.1	13-116		2.99	25	
Caprolactam	3.33	5.26	"	26.3	ND	12.6	10-75		13.9	25	
Carbazole	22.6	5.26	"	26.3	ND	85.8	36-108		0.835	25	
Dibenzofuran	21.9	5.26	"	26.3	ND	83.3	34-92		6.41	25	
Diethyl phthalate	20.9	5.26	"	26.3	ND	79.6	33-98		10.4	25	
Dimethyl phthalate	23.1	5.26	"	26.3	ND	87.8	18-116		0.862	25	
Di-n-butyl phthalate	21.4	5.26	"	26.3	ND	81.4	25-97		4.19	25	
Di-n-octyl phthalate	21.8	5.26	"	26.3	ND	82.7	10-137		3.66	25	
Hexachlorocyclopentadiene	19.7	10.5	"	26.3	ND	74.7	10-79		10.6	25	
Isophorone	21.3	5.26	"	26.3	ND	81.0	25-103		2.55	25	
N-nitroso-di-n-propylamine	19.4	5.26	"	26.3	ND	73.7	19-115		1.53	25	
N-Nitrosodiphenylamine	24.9	5.26	"	26.3	ND	94.8	31-112		8.14	25	
Phenol	8.08	5.26	"	26.3	ND	30.7	10-61		5.48	25	
Pyridine	8.66	5.26	"	26.8	ND	32.3	10-78		2.71	25	
Surrogate: SURR: 2-Fluorophenol	*22.2*		*"*	*52.6*		*42.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*12.3*		*"*	*52.6*		*23.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.2*		*"*	*26.3*		*73.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.9*		*"*	*26.3*		*75.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.6*		*"*	*52.6*		*96.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.0*		*"*	*26.3*		*68.3*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - 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 BD20752 - EPA 3535A											
Blank (BD20752-BLK1)									Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.52*		*"*	*4.00*		*88.0*	*36.6-118*				
LCS (BD20752-BS1)									Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	4.50	0.300	ug/L	4.00		112	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*36.6-118*				
Matrix Spike (BD20752-MS1)	*Source sample: 22D0202-16 (Matrix Spike)								Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	4.18	0.300	ug/L	4.00	ND	104	50-130				
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*50-130*				
Matrix Spike Dup (BD20752-MSD1)	*Source sample: 22D0202-16 (Matrix Spike Dup)								Prepared: 04/13/2022 Analyzed: 04/14/2022		
1,4-Dioxane	4.45	0.300	ug/L	4.00	ND	111	50-130		6.31	30	
Surrogate: 1,4-Dioxane-d8	*2.88*		*"*	*4.00*		*72.0*	*50-130*				

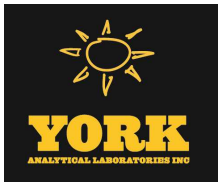


PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20709 - SPE Ext-PFAS-EPA 537.1M											
Blank (BD20709-BLK1)											
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	*76.8*		"	*74.3*		*103*	*25-150*				
Surrogate: M5PFHxA	*77.9*		"	*80.0*		*97.4*	*25-150*				
Surrogate: M4PFHpA	*81.1*		"	*80.0*		*101*	*25-150*				
Surrogate: M3PFHxS	*79.4*		"	*75.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*80.0*		"	*80.0*		*99.9*	*25-150*				
Surrogate: M6PFDA	*79.7*		"	*80.0*		*99.7*	*25-150*				
Surrogate: M7PFUdA	*80.4*		"	*80.0*		*100*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*70.6*		"	*80.0*		*88.3*	*25-150*				
Surrogate: M2PFTeDA	*68.9*		"	*80.0*		*86.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*86.6*		"	*80.0*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*87.5*		"	*76.6*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.5*		"	*80.0*		*98.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*43.3*		"	*80.0*		*54.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.8*		"	*80.0*		*91.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*78.9*		"	*80.0*		*98.6*	*25-150*				
Surrogate: M2-6:2 FTS	*79.5*		"	*75.9*		*105*	*25-200*				
Surrogate: M2-8:2 FTS	*95.8*		"	*76.6*		*125*	*25-200*				
Surrogate: M9PFNA	*78.7*		"	*80.0*		*98.3*	*25-150*				

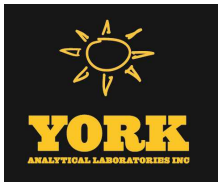
Prepared: 04/12/2022 Analyzed: 04/13/2022



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 BD20709 - SPE Ext-PFAS-EPA 537.1M											
LCS (BD20709-BS1)								Prepared: 04/12/2022 Analyzed: 04/14/2022			
Perfluorobutanesulfonic acid (PFBS)	73.8	2.00	ng/L	70.8		104	50-130				
Perfluorohexanoic acid (PFHxA)	83.7	2.00	"	80.0		105	50-130				
Perfluoroheptanoic acid (PFHpA)	80.8	2.00	"	80.0		101	50-130				
Perfluorohexanesulfonic acid (PFHxS)	79.0	2.00	"	72.8		108	50-130				
Perfluorooctanoic acid (PFOA)	86.8	2.00	"	80.0		109	50-130				
Perfluorooctanesulfonic acid (PFOS)	75.6	2.00	"	74.0		102	50-130				
Perfluorononanoic acid (PFNA)	79.9	2.00	"	80.0		99.9	50-130				
Perfluorodecanoic acid (PFDA)	83.4	2.00	"	80.0		104	50-130				
Perfluoroundecanoic acid (PFUnA)	83.7	2.00	"	80.0		105	50-130				
Perfluorododecanoic acid (PFDoA)	83.5	2.00	"	80.0		104	50-130				
Perfluorotridecanoic acid (PFTrDA)	246	2.00	"	80.0		308	50-130	High Bias			
Perfluorotetradecanoic acid (PFTA)	84.6	2.00	"	80.0		106	50-130				
N-MeFOSAA	84.5	2.00	"	80.0		106	50-130				
N-EtFOSAA	85.6	2.00	"	80.0		107	50-130				
Perfluoropentanoic acid (PFPeA)	87.5	2.00	"	80.0		109	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	82.8	2.00	"	80.0		103	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	80.6	2.00	"	76.4		105	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	76.9	2.00	"	77.2		99.6	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	73.1	5.00	"	76.0		96.1	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	75.6	2.00	"	76.8		98.4	50-175				
Perfluoro-n-butanoic acid (PFBA)	84.3	2.00	"	80.0		105	50-130				
Surrogate: M3PFBS	*75.4*		"	*74.3*		*102*	*25-150*				
Surrogate: M5PFHxA	*79.4*		"	*80.0*		*99.3*	*25-150*				
Surrogate: M4PFHpA	*81.7*		"	*80.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*76.0*		"	*75.7*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*77.5*		"	*80.0*		*96.8*	*25-150*				
Surrogate: M6PFDA	*77.5*		"	*80.0*		*96.9*	*25-150*				
Surrogate: M7PFUdA	*78.4*		"	*80.0*		*98.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*71.1*		"	*80.0*		*88.8*	*25-150*				
Surrogate: M2PFTeDA	*71.1*		"	*80.0*		*88.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*86.3*		"	*80.0*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.6*		"	*76.6*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.2*		"	*80.0*		*97.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*43.3*		"	*80.0*		*54.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.7*		"	*80.0*		*93.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*75.8*		"	*80.0*		*94.7*	*25-150*				
Surrogate: M2-6:2 FTS	*87.6*		"	*75.9*		*115*	*25-200*				
Surrogate: M2-8:2 FTS	*91.1*		"	*76.6*		*119*	*25-200*				
Surrogate: M9PFNA	*77.7*		"	*80.0*		*97.1*	*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 BD20709 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BD20709-BSD1)									Prepared: 04/12/2022 Analyzed: 04/14/2022		
Perfluorobutanesulfonic acid (PFBS)	68.0	2.00	ng/L	70.8		96.0	50-130		8.18	30	
Perfluorohexanoic acid (PFHxA)	79.6	2.00	"	80.0		99.6	50-130		5.01	30	
Perfluoroheptanoic acid (PFHpA)	80.2	2.00	"	80.0		100	50-130		0.767	30	
Perfluorohexanesulfonic acid (PFHxS)	76.0	2.00	"	72.8		104	50-130		3.81	30	
Perfluorooctanoic acid (PFOA)	82.8	2.00	"	80.0		103	50-130		4.76	30	
Perfluorooctanesulfonic acid (PFOS)	67.5	2.00	"	74.0		91.3	50-130		11.2	30	
Perfluorononanoic acid (PFNA)	75.0	2.00	"	80.0		93.8	50-130		6.30	30	
Perfluorodecanoic acid (PFDA)	82.9	2.00	"	80.0		104	50-130		0.509	30	
Perfluoroundecanoic acid (PFUnA)	79.8	2.00	"	80.0		99.7	50-130		4.78	30	
Perfluorododecanoic acid (PFDoA)	75.3	2.00	"	80.0		94.1	50-130		10.4	30	
Perfluorotridecanoic acid (PFTrDA)	177	2.00	"	80.0		221	50-130	High Bias	32.9	30	Non-dir.
Perfluorotetradecanoic acid (PFTA)	78.9	2.00	"	80.0		98.6	50-130		7.01	30	
N-MeFOSAA	80.4	2.00	"	80.0		101	50-130		4.93	30	
N-EtFOSAA	77.0	2.00	"	80.0		96.2	50-130		10.6	30	
Perfluoropentanoic acid (PFPeA)	81.9	2.00	"	80.0		102	50-130		6.65	30	
Perfluoro-1-octanesulfonamide (FOSA)	81.1	2.00	"	80.0		101	50-130		1.97	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	70.3	2.00	"	76.4		92.0	50-130		13.6	30	
Perfluoro-1-decanesulfonic acid (PFDS)	69.9	2.00	"	77.2		90.6	50-130		9.45	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	69.6	5.00	"	76.0		91.6	50-175		4.87	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	70.4	2.00	"	76.8		91.7	50-175		7.11	30	
Perfluoro-n-butanoic acid (PFBA)	79.0	2.00	"	80.0		98.8	50-130		6.49	30	
Surrogate: M3PFBS	*72.7*		"	*74.3*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*73.3*		"	*80.0*		*91.6*	*25-150*				
Surrogate: M4PFHpA	*71.6*		"	*80.0*		*89.5*	*25-150*				
Surrogate: M3PFHxS	*69.7*		"	*75.7*		*92.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*69.2*		"	*80.0*		*86.5*	*25-150*				
Surrogate: M6PFDA	*67.4*		"	*80.0*		*84.2*	*25-150*				
Surrogate: M7PFUdA	*65.6*		"	*80.0*		*82.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*62.0*		"	*80.0*		*77.5*	*25-150*				
Surrogate: M2PFTeDA	*52.7*		"	*80.0*		*65.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*79.9*		"	*80.0*		*99.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.5*		"	*76.6*		*101*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*73.2*		"	*80.0*		*91.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*34.4*		"	*80.0*		*43.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*53.5*		"	*80.0*		*66.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*56.7*		"	*80.0*		*70.9*	*25-150*				
Surrogate: M2-6:2 FTS	*77.0*		"	*75.9*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*83.7*		"	*76.6*		*109*	*25-200*				
Surrogate: M9PFNA	*73.1*		"	*80.0*		*91.4*	*25-150*				

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 BD20484 - EPA SW846-3510C Low Level											
Blank (BD20484-BLK1)								Prepared: 04/08/2022 Analyzed: 04/10/2022			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.205*		*"*	*0.200*		*102*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.187*		*"*	*0.200*		*93.7*	*30-150*				
LCS (BD20484-BS1)								Prepared: 04/08/2022 Analyzed: 04/10/2022			
4,4'-DDD	0.130	0.00400	ug/L	0.100		130	40-140				
4,4'-DDE	0.103	0.00400	"	0.100		103	40-140				
4,4'-DDT	0.103	0.00400	"	0.100		103	40-140				
Aldrin	0.118	0.00400	"	0.100		118	40-140				
alpha-BHC	0.145	0.00400	"	0.100		145	40-140	High Bias			
alpha-Chlordane	0.120	0.00400	"	0.100		120	40-140				
beta-BHC	0.122	0.00400	"	0.100		122	40-140				
delta-BHC	0.127	0.00400	"	0.100		127	40-140				
Dieldrin	0.125	0.00200	"	0.100		125	40-140				
Endosulfan I	0.134	0.00400	"	0.100		134	40-140				
Endosulfan II	0.115	0.00400	"	0.100		115	40-140				
Endosulfan sulfate	0.0975	0.00400	"	0.100		97.5	40-140				
Endrin	0.131	0.00400	"	0.100		131	40-140				
Endrin aldehyde	0.136	0.0100	"	0.100		136	40-140				
Endrin ketone	0.137	0.0100	"	0.100		137	40-140				
gamma-BHC (Lindane)	0.144	0.00400	"	0.100		144	40-140	High Bias			
gamma-Chlordane	0.123	0.0100	"	0.100		123	40-140				
Heptachlor	0.134	0.00400	"	0.100		134	40-140				
Heptachlor epoxide	0.125	0.00400	"	0.100		125	40-140				
Methoxychlor	0.125	0.00400	"	0.100		125	40-140				
Surrogate: Decachlorobiphenyl	*0.150*		*"*	*0.200*		*74.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.148*		*"*	*0.200*		*73.9*	*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 BD20484 - EPA SW846-3510C Low Level											
LCS Dup (BD20484-BSD1)									Prepared: 04/08/2022 Analyzed: 04/10/2022		
4,4'-DDD	0.124	0.00400	ug/L	0.100		124	40-140		4.66	20	
4,4'-DDE	0.100	0.00400	"	0.100		100	40-140		2.38	20	
4,4'-DDT	0.119	0.00400	"	0.100		119	40-140		14.3	20	
Aldrin	0.107	0.00400	"	0.100		107	40-140		9.43	20	
alpha-BHC	0.121	0.00400	"	0.100		121	40-140		17.7	20	
alpha-Chlordane	0.108	0.00400	"	0.100		108	40-140		10.5	20	
beta-BHC	0.111	0.00400	"	0.100		111	40-140		9.18	20	
delta-BHC	0.119	0.00400	"	0.100		119	40-140		6.25	20	
Dieldrin	0.114	0.00200	"	0.100		114	40-140		9.39	20	
Endosulfan I	0.117	0.00400	"	0.100		117	40-140		13.3	20	
Endosulfan II	0.109	0.00400	"	0.100		109	40-140		6.07	20	
Endosulfan sulfate	0.0889	0.00400	"	0.100		88.9	40-140		9.16	20	
Endrin	0.129	0.00400	"	0.100		129	40-140		1.15	20	
Endrin aldehyde	0.130	0.0100	"	0.100		130	40-140		4.16	20	
Endrin ketone	0.137	0.0100	"	0.100		137	40-140		0.367	20	
gamma-BHC (Lindane)	0.133	0.00400	"	0.100		133	40-140		7.79	20	
gamma-Chlordane	0.109	0.0100	"	0.100		109	40-140		11.7	20	
Heptachlor	0.134	0.00400	"	0.100		134	40-140		0.306	20	
Heptachlor epoxide	0.116	0.00400	"	0.100		116	40-140		7.58	20	
Methoxychlor	0.139	0.00400	"	0.100		139	40-140		10.9	20	
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.200*		*67.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.134*		*"*	*0.200*		*67.0*	*30-150*				
Batch BD20673 - EPA SW846-3510C Low Level											
Blank (BD20673-BLK1)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.224*		*"*	*0.200*		*112*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.204*		*"*	*0.200*		*102*	*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 BD20673 - EPA SW846-3510C Low Level											
LCS (BD20673-BS1)								Prepared: 04/12/2022 Analyzed: 04/13/2022			
4,4'-DDD	0.235	0.00400	ug/L	0.200		117	40-140				
4,4'-DDE	0.173	0.00400	"	0.200		86.6	40-140				
4,4'-DDT	0.190	0.00400	"	0.200		94.8	40-140				
Aldrin	0.195	0.00400	"	0.200		97.7	40-140				
alpha-BHC	0.227	0.00400	"	0.200		113	40-140				
alpha-Chlordane	0.198	0.00400	"	0.200		98.8	40-140				
beta-BHC	0.194	0.00400	"	0.200		97.0	40-140				
delta-BHC	0.196	0.00400	"	0.200		98.1	40-140				
Dieldrin	0.206	0.00200	"	0.200		103	40-140				
Endosulfan I	0.215	0.00400	"	0.200		107	40-140				
Endosulfan II	0.192	0.00400	"	0.200		96.1	40-140				
Endosulfan sulfate	0.157	0.00400	"	0.200		78.4	40-140				
Endrin	0.225	0.00400	"	0.200		112	40-140				
Endrin aldehyde	0.220	0.0100	"	0.200		110	40-140				
Endrin ketone	0.228	0.0100	"	0.200		114	40-140				
gamma-BHC (Lindane)	0.235	0.00400	"	0.200		117	40-140				
gamma-Chlordane	0.203	0.0100	"	0.200		102	40-140				
Heptachlor	0.224	0.00400	"	0.200		112	40-140				
Heptachlor epoxide	0.201	0.00400	"	0.200		100	40-140				
Methoxychlor	0.217	0.00400	"	0.200		108	40-140				
Surrogate: Decachlorobiphenyl	*0.220*		*"*	*0.200*		*110*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.208*		*"*	*0.200*		*104*	*30-150*				
LCS Dup (BD20673-BSD1)								Prepared: 04/12/2022 Analyzed: 04/13/2022			
4,4'-DDD	0.224	0.00400	ug/L	0.200		112	40-140		4.66	20	
4,4'-DDE	0.173	0.00400	"	0.200		86.3	40-140		0.302	20	
4,4'-DDT	0.221	0.00400	"	0.200		110	40-140		15.1	20	
Aldrin	0.182	0.00400	"	0.200		90.9	40-140		7.26	20	
alpha-BHC	0.210	0.00400	"	0.200		105	40-140		7.81	20	
alpha-Chlordane	0.183	0.00400	"	0.200		91.3	40-140		7.85	20	
beta-BHC	0.185	0.00400	"	0.200		92.7	40-140		4.50	20	
delta-BHC	0.191	0.00400	"	0.200		95.7	40-140		2.46	20	
Dieldrin	0.196	0.00200	"	0.200		98.1	40-140		5.02	20	
Endosulfan I	0.195	0.00400	"	0.200		97.5	40-140		9.75	20	
Endosulfan II	0.185	0.00400	"	0.200		92.6	40-140		3.73	20	
Endosulfan sulfate	0.152	0.00400	"	0.200		75.8	40-140		3.33	20	
Endrin	0.223	0.00400	"	0.200		112	40-140		0.771	20	
Endrin aldehyde	0.225	0.0100	"	0.200		112	40-140		2.32	20	
Endrin ketone	0.228	0.0100	"	0.200		114	40-140		0.137	20	
gamma-BHC (Lindane)	0.223	0.00400	"	0.200		111	40-140		5.27	20	
gamma-Chlordane	0.188	0.0100	"	0.200		93.9	40-140		7.80	20	
Heptachlor	0.218	0.00400	"	0.200		109	40-140		3.00	20	
Heptachlor epoxide	0.192	0.00400	"	0.200		96.2	40-140		4.14	20	
Methoxychlor	0.255	0.00400	"	0.200		128	40-140		16.4	20	
Surrogate: Decachlorobiphenyl	*0.231*		*"*	*0.200*		*116*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.202*		*"*	*0.200*		*101*	*30-150*				

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 BD20484 - EPA SW846-3510C Low Level											
Blank (BD20484-BLK2)								Prepared & Analyzed: 04/08/2022			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.178*		"	*0.200*		*89.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.173*		"	*0.200*		*86.5*	*30-120*				
LCS (BD20484-BS2)								Prepared & Analyzed: 04/08/2022			
Aroclor 1016	0.964	0.0500	ug/L	1.00		96.4	40-120				
Aroclor 1260	0.941	0.0500	"	1.00		94.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.184*		"	*0.200*		*92.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.120*		"	*0.200*		*60.0*	*30-120*				
LCS Dup (BD20484-BSD2)								Prepared & Analyzed: 04/08/2022			
Aroclor 1016	1.04	0.0500	ug/L	1.00		104	40-120		7.96	30	
Aroclor 1260	1.03	0.0500	"	1.00		103	40-120		9.46	30	
Surrogate: Tetrachloro-m-xylene	*0.209*		"	*0.200*		*104*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.160*		"	*0.200*		*80.0*	*30-120*				
Batch BD20673 - EPA SW846-3510C Low Level											
Blank (BD20673-BLK2)								Prepared: 04/12/2022 Analyzed: 04/13/2022			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.150*		"	*0.200*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.169*		"	*0.200*		*84.5*	*30-120*				

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 BD20673 - EPA SW846-3510C Low Level											
LCS (BD20673-BS2)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
Aroclor 1016	0.727	0.0500	ug/L	1.00		72.7	40-120				
Aroclor 1260	0.868	0.0500	"	1.00		86.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.152*		*"*	*0.200*		*76.0*	*30-120*				
LCS Dup (BD20673-BSD2)									Prepared: 04/12/2022 Analyzed: 04/13/2022		
Aroclor 1016	0.724	0.0500	ug/L	1.00		72.4	40-120		0.386	30	
Aroclor 1260	0.831	0.0500	"	1.00		83.1	40-120		4.38	30	
Surrogate: Tetrachloro-m-xylene	*0.150*		*"*	*0.200*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.200*		*74.5*	*30-120*				

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 BD20592 - EPA 3015A											
Blank (BD20592-BLK1)								Prepared & Analyzed: 04/11/2022			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0823	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.161	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BD20592-BS1)								Prepared & Analyzed: 04/11/2022			
Aluminum	2.01		ug/mL	2.00		100	80-120				
Barium	2.07		"	2.00		103	80-120				
Calcium	1.11		"	1.00		111	80-120				
Chromium	0.200		"	0.200		100	80-120				
Cobalt	0.518		"	0.500		104	80-120				
Copper	0.262		"	0.250		105	80-120				
Iron	1.10		"	1.00		110	80-120				
Lead	0.512		"	0.500		102	80-120				
Magnesium	1.04		"	1.00		104	80-120				
Manganese	0.511		"	0.500		102	80-120				
Nickel	0.501		"	0.500		100	80-120				
Potassium	0.961		"	1.00		96.1	80-120				
Silver	0.0386		"	0.0500		77.2	80-120	Low Bias			
Sodium	1.09		"	1.00		109	80-120				
Vanadium	0.496		"	0.500		99.2	80-120				
Zinc	0.492		"	0.500		98.5	80-120				

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 BD20592 - EPA 3015A											
Duplicate (BD20592-DUP1)	*Source sample: 22D0398-10 (Duplicate)								Prepared & Analyzed: 04/11/2022		
Aluminum	3.35	0.0556	mg/L		3.09				8.02	20	
Barium	3.33	0.0278	"		3.40				2.17	20	
Calcium	242	0.0556	"		244				0.697	20	
Chromium	0.00966	0.00556	"		0.00930				3.72	20	
Cobalt	0.00483	0.00444	"		0.00462				4.25	20	
Copper	0.175	0.0222	"		0.177				0.858	20	
Iron	34.8	0.278	"		35.2				1.14	20	
Lead	1.51	0.00556	"		1.55				2.52	20	
Magnesium	45.8	0.0556	"		46.9				2.29	20	
Manganese	0.776	0.00556	"		0.789				1.69	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	24.6	0.0556	"		24.7				0.712	20	
Silver	ND	0.00556	"		ND					20	
Sodium	1470	0.556	"		1510				2.98	20	
Vanadium	0.0222	0.0111	"		0.0218				1.81	20	
Zinc	1.08	0.0278	"		1.10				2.02	20	
Matrix Spike (BD20592-MS1)	*Source sample: 22D0398-10 (Matrix Spike)								Prepared & Analyzed: 04/11/2022		
Aluminum	7.17	0.0556	mg/L	2.22	3.09	183	75-125	High Bias			
Barium	5.95	0.0278	"	2.22	3.40	115	75-125				
Calcium	244	0.0556	"	1.11	244	4.45	75-125	Low Bias			
Chromium	0.259	0.00556	"	0.222	0.00930	112	75-125				
Cobalt	0.629	0.00444	"	0.556	0.00462	112	75-125				
Copper	0.542	0.0222	"	0.278	0.177	131	75-125	High Bias			
Iron	37.6	0.278	"	1.11	35.2	210	75-125	High Bias			
Lead	2.13	0.00556	"	0.556	1.55	104	75-125				
Magnesium	47.8	0.0556	"	1.11	46.9	81.1	75-125				
Manganese	1.42	0.00556	"	0.556	0.789	114	75-125				
Nickel	0.664	0.0111	"	0.556	ND	119	75-125				
Potassium	26.4	0.0556	"	1.11	24.7	152	75-125	High Bias			
Silver	0.0522	0.00556	"	0.0556	ND	94.0	75-125				
Vanadium	0.653	0.0111	"	0.556	0.0218	114	75-125				
Zinc	1.74	0.0278	"	0.556	1.10	116	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 BD20592 - EPA 3015A											
Post Spike (BD20592-PS1)	*Source sample: 22D0398-10 (Post Spike)							Prepared & Analyzed: 04/11/2022			
Aluminum	4.95		ug/mL	2.00	2.78	109	75-125				
Barium	5.41		"	2.00	3.06	118	75-125				
Calcium	220		"	1.00	220	79.0	75-125				
Chromium	0.237		"	0.200	0.00837	114	75-125				
Cobalt	0.589		"	0.500	0.00416	117	75-125				
Copper	0.484		"	0.250	0.159	130	75-125	High Bias			
Iron	32.7		"	1.00	31.7	95.5	75-125				
Lead	1.94		"	0.500	1.39	109	75-125				
Magnesium	42.6		"	1.00	42.2	41.9	75-125	Low Bias			
Manganese	1.30		"	0.500	0.710	118	75-125				
Nickel	0.635		"	0.500	0.00345	126	75-125	High Bias			
Potassium	23.5		"	1.00	22.3	120	75-125				
Silver	0.0238		"	0.0500	-0.00120	47.6	75-125	Low Bias			
Vanadium	0.607		"	0.500	0.0196	118	75-125				
Zinc	1.57		"	0.500	0.989	116	75-125				

Metals by ICP/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 BD20593 - EPA 3015A											
Blank (BD20593-BLK1)										Prepared: 04/11/2022 Analyzed: 04/12/2022	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BD20593-BS1)										Prepared: 04/11/2022 Analyzed: 04/12/2022	
Antimony	51.5		ug/L	50.0		103	80-120				
Arsenic	54.4		"	50.0		109	80-120				
Beryllium	53.3		"	50.0		107	80-120				
Cadmium	48.7		"	50.0		97.4	80-120				
Selenium	53.9		"	50.0		108	80-120				
Thallium	56.9		"	50.0		114	80-120				
Duplicate (BD20593-DUP1)	*Source sample: 22D0428-04 (Duplicate)									Prepared: 04/11/2022 Analyzed: 04/12/2022	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		2.97					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	2.70	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BD20593-MS1)	*Source sample: 22D0428-04 (Matrix Spike)									Prepared: 04/11/2022 Analyzed: 04/12/2022	
Antimony	49.1		ug/L	50.0	0.432	97.3	75-125				
Arsenic	58.0		"	50.0	2.68	111	75-125				
Beryllium	33.0		"	50.0	0.0003	65.9	75-125	Low Bias			
Cadmium	38.6		"	50.0	0.318	76.5	75-125				
Selenium	50.3		"	50.0	-1.03	101	75-125				
Thallium	54.9		"	50.0	-0.005	110	75-125				

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 BD20473 - EPA SW846-7470A											
Blank (BD20473-BLK1)									Prepared & Analyzed: 04/07/2022		
Mercury	ND	0.0002	mg/L								
LCS (BD20473-BS1)									Prepared & Analyzed: 04/07/2022		
Mercury	0.0020338	0.0002	mg/L	0.00200		102	80-120				
LCS (BD20473-BS2)									Prepared & Analyzed: 04/07/2022		
Mercury	0.0022464	0.0002	mg/L	0.00200		112	80-120				

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 BD20439 - Analysis Preparation											
Blank (BD20439-BLK1)										Prepared: 04/07/2022 Analyzed: 04/08/2022	
Cyanide, total	ND	0.0100	mg/L								
LCS (BD20439-BS1)										Prepared: 04/07/2022 Analyzed: 04/08/2022	
Cyanide, total	0.170	0.0100	mg/L	0.200		85.2	80-120				
Duplicate (BD20439-DUP1)	*Source sample: 22D0366-01 (MW-1)									Prepared: 04/07/2022 Analyzed: 04/08/2022	
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BD20439-MS1)	*Source sample: 22D0366-01 (MW-1)									Prepared: 04/07/2022 Analyzed: 04/08/2022	
Cyanide, total	0.160	0.0100	mg/L	0.200	ND	80.0	79-105				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22D0366-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0366-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0366-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0366-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0366-05	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0366-06	MW-5 Dup	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0366-07	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22D0366-08	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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.
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.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSUBS	The aqueous smaple contained appreciable levels of sediment requiring sub-sampling by decantation.
PF-LCS-H	The LCS recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

Corrective Action: The Trip Blank was not received with the samples.
The PFAS Field Blank was un-used.

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. 22D0366

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: DT Consulting Services Inc	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 356061

YOUR Project Name: 77 Cornell Street Kingston, New York

YOUR PO#:

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.

Deborah Thompson
Deborah Thompson

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 | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced | NYSDEC EQuIS
NY ASP B Package | Deliverables | 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-1	GW	4/6/22 4:20 pm	VOCs, SVOCs, TAL Metals, Pesticides, PCBs, PFAS, Cyanide, 1,4 Dioxane.	(4) 1L
MW-2		3:30 pm		(3) 40Z
MW-3		5:15 pm		(2) 250ml
MW-4		4:00 pm		
MW-5		2:15 pm		
MW-5 Dup		2:15 pm		
MW-6		6:00 pm		
MW-7		7:15 pm		
Trip Blank		7:30 pm		
Field Blank		7:35 pm		

Comments:

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

Preservation: (check all that apply)

HCl ✓ MeOH ___ HNO3 ✓ H2SO4 ___ NaOH ✓
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

Samples Relinquished by / Company: Deborah Thompson 4/7/22 9:20	1. Samples Received by / Company: Chris York 4-7-22 9:20	2. Samples Relinquished by / Company: Chris York 4-7-22 1546
Samples Received by / Company	3. Samples Relinquished by / Company	3. Samples Received by / Company
Samples Relinquished by / Company	4. Samples Received by / Company	Samples Received in LAB by: K Blockum 4/7/22 1546 — Temperature: 4.3 Degrees C

APPENDIX C
EXTERIOR SOIL GAS LABORATORY ANALYTICAL REPORT

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/22/2022
Client Project ID: 356061 77 Cornell Street Kingston, New York
York Project (SDG) No.: 22D0207

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: 04/22/2022
Client Project ID: 356061 77 Cornell Street Kingston, New York
York Project (SDG) No.: 22D0207

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 06, 2022 and listed below. The project was identified as your project: **356061 77 Cornell Street Kingston, New York**.

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
22D0207-01	SG-1	Soil Vapor	04/05/2022	04/06/2022
22D0207-03	SG-3	Soil Vapor	04/05/2022	04/06/2022
22D0207-04	SG-4	Soil Vapor	04/05/2022	04/06/2022
22D0207-05	SG-5	Soil Vapor	04/05/2022	04/06/2022

General Notes for York Project (SDG) No.: 22D0207

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:** 04/22/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 22D0207-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:44 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.767	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 09:08	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.96	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.96	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
95-63-6	**1,2,4-Trimethylbenzene**	**39**		ug/m³	0.87	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
108-67-8	**1,3,5-Trimethylbenzene**	**9.7**		ug/m³	0.87	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.82	1.767	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 09:08	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
78-93-3	**2-Butanone**	**8.9**		ug/m³	0.52	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.767	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 09:08	AS

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 22D0207-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:44 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.72	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
67-64-1	**Acetone**	**39**		ug/m³	0.84	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
107-13-1	Acrylonitrile	ND		ug/m³	0.38	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
71-43-2	**Benzene**	**3.2**		ug/m³	0.56	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
100-44-7	Benzyl chloride	ND		ug/m³	0.91	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
75-25-2	Bromoform	ND		ug/m³	1.8	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
74-83-9	Bromomethane	ND		ug/m³	0.69	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
75-15-0	**Carbon disulfide**	**3.2**		ug/m³	0.55	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
56-23-5	Carbon tetrachloride	ND		ug/m³	0.28	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
108-90-7	Chlorobenzene	ND		ug/m³	0.81	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
75-00-3	Chloroethane	ND		ug/m³	0.47	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
67-66-3	Chloroform	ND		ug/m³	0.86	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
74-87-3	Chloromethane	ND		ug/m³	0.36	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
110-82-7	**Cyclohexane**	**2.2**		ug/m³	0.61	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.87	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.767	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 09:08	AS
100-41-4	**Ethyl Benzene**	**17**		ug/m³	0.77	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.767	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 09:08	AS

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 22D0207-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:44 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**3.3**		ug/m³	0.87	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**7.3**		ug/m³	1.2	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**9.8**		ug/m³	0.72	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**2.7**		ug/m³	0.62	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**28**		ug/m³	0.77	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**68**		ug/m³	1.5	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**33**		ug/m³	0.87	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:			
115-07-1	*** Propylene**	**5.2**		ug/m³	0.30	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:			
100-42-5	**Styrene**	**3.5**		ug/m³	0.75	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	1.2	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.0	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:			
108-88-3	**Toluene**	**34**		ug/m³	0.67	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**10**		ug/m³	0.24	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.99	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.62	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.77	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.767	EPA TO-15	04/21/2022 14:00	04/22/2022 09:08	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22D0207-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:52 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.4	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.9	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.4	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.9	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.4	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.35	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**30**		ug/m³	1.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.1	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.4	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.5	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**7.3**		ug/m³	1.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	2.4	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.1	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.1	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	2.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**3.3**		ug/m³	1.0	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	2.9	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	5.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22D0207-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:52 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.5	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**37**		ug/m³	1.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.77	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**4.2**		ug/m³	1.1	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.8	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	2.4	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	3.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	1.4	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**3.2**		ug/m³	1.1	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.56	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	1.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.94	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	1.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.73	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.35	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**130**		ug/m³	1.2	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	3.0	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	1.8	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**7.4**		ug/m³	2.6	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**16**		ug/m³	1.5	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.8	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**2.6**		ug/m³	1.7	3.556	EPA TO-15	04/21/2022 14:00	04/22/2022 10:07	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 22D0207-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:52 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	1.5	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.3	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
75-09-2	Methylene chloride	ND		ug/m³	2.5	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
142-82-5	**n-Heptane**	**76**		ug/m³	1.5	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
110-54-3	**n-Hexane**	**120**		ug/m³	1.3	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
95-47-6	**o-Xylene**	**24**		ug/m³	1.5	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
179601-23-1	**p- & m- Xylenes**	**63**		ug/m³	3.1	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
622-96-8	*** p-Ethyltoluene**	**28**		ug/m³	1.7	3.556	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 10:07	AS
115-07-1	* Propylene	ND		ug/m³	0.61	3.556	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 10:07	AS
100-42-5	**Styrene**	**3.3**		ug/m³	1.5	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
127-18-4	**Tetrachloroethylene**	**17**		ug/m³	2.4	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.1	3.556	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 10:07	AS
108-88-3	**Toluene**	**35**		ug/m³	1.3	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.4	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
79-01-6	Trichloroethylene	ND		ug/m³	0.48	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	2.0	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
108-05-4	Vinyl acetate	ND		ug/m³	1.3	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
593-60-2	Vinyl bromide	ND		ug/m³	1.6	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.45	3.556	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 10:07	AS

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22D0207-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:56 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.5	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**1.3**		ug/m³	1.2	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.5	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.7	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.2	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.91	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.22	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.7	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**37**		ug/m³	1.1	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.7	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.3	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.91	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.0	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.6	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**9.3**		ug/m³	1.1	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.5	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.3	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.0	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.3	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.6	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**6.7**		ug/m³	0.66	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.8	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	3.5	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22D0207-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:56 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.92	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**37**		ug/m³	1.1	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.49	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**3.1**		ug/m³	0.72	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.2	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.5	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	2.3	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.87	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**1.9**		ug/m³	0.70	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.35	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	1.0	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.59	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**1.1**		ug/m³	1.1	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.46	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.22	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.0	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**3.5**		ug/m³	0.77	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.9	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	1.1	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.6	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**19**		ug/m³	0.97	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.4	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**1.6**		ug/m³	1.1	2.242	EPA TO-15	04/21/2022 14:00	04/22/2022 12:00	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SG-4 **York Sample ID:** 22D0207-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 2:56 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.92	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.81	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
75-09-2	Methylene chloride	ND		ug/m³	1.6	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
142-82-5	**n-Heptane**	**6.2**		ug/m³	0.92	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
110-54-3	**n-Hexane**	**5.0**		ug/m³	0.79	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
95-47-6	**o-Xylene**	**30**		ug/m³	0.97	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
179601-23-1	**p- & m- Xylenes**	**75**		ug/m³	1.9	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
622-96-8	*** p-Ethyltoluene**	**34**		ug/m³	1.1	2.242	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 12:00	AS
115-07-1	* Propylene	ND		ug/m³	0.39	2.242	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 12:00	AS
100-42-5	**Styrene**	**3.6**		ug/m³	0.96	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	1.5	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.3	2.242	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 12:00	AS
108-88-3	**Toluene**	**41**		ug/m³	0.84	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.89	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.0	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
79-01-6	**Trichloroethylene**	**48**		ug/m³	0.30	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.3	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.79	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.98	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.29	2.242	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 12:00	AS

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22D0207-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 3:02 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	2.076	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 13:03	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.6	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.84	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.21	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
95-63-6	**1,2,4-Trimethylbenzene**	**5.6**		ug/m³	1.0	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.6	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
95-50-1	**1,2-Dichlorobenzene**	**1.2**		ug/m³	1.2	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.84	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.96	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.5	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		ug/m³	1.0	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
106-99-0	1,3-Butadiene	ND		ug/m³	1.4	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.96	2.076	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 13:03	AS
106-46-7	**1,4-Dichlorobenzene**	**1.2**		ug/m³	1.2	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
123-91-1	1,4-Dioxane	ND		ug/m³	1.5	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
78-93-3	**2-Butanone**	**1.7**		ug/m³	0.61	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
591-78-6	* 2-Hexanone	ND		ug/m³	1.7	2.076	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 13:03	AS
107-05-1	3-Chloropropene	ND		ug/m³	3.2	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22D0207-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 3:02 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.85	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**13**		ug/m³	0.99	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.45	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**2.3**		ug/m³	0.66	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.1	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.4	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	2.1	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.81	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.65	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.39**		ug/m³	0.33	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	**Chlorobenzene**	**3.2**		ug/m³	0.96	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.55	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**1.9**		ug/m³	1.0	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.43	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.21	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.94	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**1.6**		ug/m³	0.71	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.8	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	1.0	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.5	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**9.0**		ug/m³	0.90	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.2	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**8.0**		ug/m³	1.0	2.076	EPA TO-15	04/21/2022 14:00	04/22/2022 13:03	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SG-5 **York Sample ID:** 22D0207-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0207	356061 77 Cornell Street Kingston, New York	Soil Vapor	April 5, 2022 3:02 pm	04/06/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.85	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.75	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
75-09-2	Methylene chloride	ND		ug/m³	1.4	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
142-82-5	**n-Heptane**	**0.94**		ug/m³	0.85	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
110-54-3	n-Hexane	ND		ug/m³	0.73	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
95-47-6	**o-Xylene**	**6.9**		ug/m³	0.90	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
179601-23-1	**p- & m- Xylenes**	**27**		ug/m³	1.8	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
622-96-8	*** p-Ethyltoluene**	**6.7**		ug/m³	1.0	2.076	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 13:03	AS
115-07-1	* Propylene	ND		ug/m³	0.36	2.076	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 13:03	AS
100-42-5	**Styrene**	**2.1**		ug/m³	0.88	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
127-18-4	**Tetrachloroethylene**	**3.9**		ug/m³	1.4	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
109-99-9	*** Tetrahydrofuran**	**2.0**		ug/m³	1.2	2.076	EPA TO-15 Certifications:	04/21/2022 14:00	04/22/2022 13:03	AS
108-88-3	**Toluene**	**27**		ug/m³	0.78	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.82	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.94	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
79-01-6	Trichloroethylene	ND		ug/m³	0.28	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	1.2	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.73	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.91	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.27	2.076	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/21/2022 14:00	04/22/2022 13:03	AS

Analytical Batch Summary

Batch ID: BD21350 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
22D0207-01	SG-1	04/21/22
22D0207-03	SG-3	04/21/22
22D0207-04	SG-4	04/21/22
22D0207-05	SG-5	04/21/22
BD21350-BLK1	Blank	04/21/22
BD21350-BS1	LCS	04/21/22
BD21350-DUP1	Duplicate	04/21/22

Volatile Organic Compounds in Air 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 BD21350 - EPA TO15 PREP											
Blank (BD21350-BLK1)											Prepared & Analyzed: 04/21/2022
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Volatile Organic Compounds in Air 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 BD21350 - EPA TO15 PREP											
Blank (BD21350-BLK1)											Prepared & Analyzed: 04/21/2022
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BD21350-BS1)											Prepared & Analyzed: 04/21/2022
1,1,1,2-Tetrachloroethane	10.5		ppbv	10.0		105	70-130				
1,1,1-Trichloroethane	10.0		"	10.0		100	70-130				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	10.2		"	10.0		102	70-130				
1,1-Dichloroethylene	9.33		"	10.0		93.3	70-130				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70-130				
1,2,4-Trimethylbenzene	9.70		"	10.0		97.0	70-130				
1,2-Dibromoethane	10.6		"	10.0		106	70-130				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	70-130				
1,2-Dichloroethane	9.83		"	10.0		98.3	70-130				
1,2-Dichloropropane	10.2		"	10.0		102	70-130				
1,2-Dichlorotetrafluoroethane	11.0		"	10.0		110	70-130				
1,3,5-Trimethylbenzene	9.67		"	10.0		96.7	70-130				
1,3-Butadiene	9.70		"	10.0		97.0	70-130				
1,3-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,3-Dichloropropane	10.5		"	10.0		105	70-130				
1,4-Dichlorobenzene	9.94		"	10.0		99.4	70-130				
1,4-Dioxane	8.98		"	10.0		89.8	70-130				
2-Butanone	9.74		"	10.0		97.4	70-130				
2-Hexanone	8.29		"	10.0		82.9	70-130				
3-Chloropropene	9.95		"	10.0		99.5	70-130				
4-Methyl-2-pentanone	8.61		"	10.0		86.1	70-130				
Acetone	8.47		"	10.0		84.7	70-130				
Acrylonitrile	9.97		"	10.0		99.7	70-130				
Benzene	9.68		"	10.0		96.8	70-130				
Benzyl chloride	10.9		"	10.0		109	70-130				
Bromodichloromethane	10.3		"	10.0		103	70-130				
Bromoform	12.0		"	10.0		120	70-130				
Bromomethane	9.97		"	10.0		99.7	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				

Volatile Organic Compounds in Air 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 BD21350 - EPA TO15 PREP											
LCS (BD21350-BS1)								Prepared & Analyzed: 04/21/2022			
Carbon tetrachloride	10.1		ppbv	10.0		101	70-130				
Chlorobenzene	10.2		"	10.0		102	70-130				
Chloroethane	10.0		"	10.0		100	70-130				
Chloroform	9.99		"	10.0		99.9	70-130				
Chloromethane	9.50		"	10.0		95.0	70-130				
cis-1,2-Dichloroethylene	9.71		"	10.0		97.1	70-130				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	70-130				
Cyclohexane	10.1		"	10.0		101	70-130				
Dibromochloromethane	11.7		"	10.0		117	70-130				
Dichlorodifluoromethane	10.2		"	10.0		102	70-130				
Ethyl acetate	10.1		"	10.0		101	70-130				
Ethyl Benzene	10.3		"	10.0		103	70-130				
Hexachlorobutadiene	8.82		"	10.0		88.2	70-130				
Isopropanol	10.2		"	10.0		102	70-130				
Methyl Methacrylate	10.4		"	10.0		104	70-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130				
Methylene chloride	8.98		"	10.0		89.8	70-130				
n-Heptane	9.97		"	10.0		99.7	70-130				
n-Hexane	10.0		"	10.0		100	70-130				
o-Xylene	10.3		"	10.0		103	70-130				
p- & m- Xylenes	20.7		"	20.0		104	70-130				
p-Ethyltoluene	9.99		"	10.0		99.9	70-130				
Propylene	9.56		"	10.0		95.6	70-130				
Styrene	10.3		"	10.0		103	70-130				
Tetrachloroethylene	9.71		"	10.0		97.1	70-130				
Tetrahydrofuran	9.84		"	10.0		98.4	70-130				
Toluene	9.95		"	10.0		99.5	70-130				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	70-130				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Trichloroethylene	9.47		"	10.0		94.7	70-130				
Trichlorofluoromethane (Freon 11)	9.89		"	10.0		98.9	70-130				
Vinyl acetate	10.8		"	10.0		108	70-130				
Vinyl bromide	10.1		"	10.0		101	70-130				
Vinyl Chloride	9.34		"	10.0		93.4	70-130				

Volatile Organic Compounds in Air 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 BD21350 - EPA TO15 PREP											
Duplicate (BD21350-DUP1)	*Source sample: 22D0514-02 (Duplicate)								Prepared: 04/21/2022 Analyzed: 04/22/2022		
1,1,1,2-Tetrachloroethane	ND	1.4	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	1.1	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.4	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.6	"		ND					25	
1,1,2-Trichloroethane	ND	1.1	"		ND					25	
1,1-Dichloroethane	ND	0.82	"		ND					25	
1,1-Dichloroethylene	ND	0.20	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.5	"		ND					25	
1,2,4-Trimethylbenzene	11	0.99	"		11				0.922	25	
1,2-Dibromoethane	ND	1.6	"		ND					25	
1,2-Dichlorobenzene	ND	1.2	"		ND					25	
1,2-Dichloroethane	8.8	0.82	"		8.9				1.85	25	
1,2-Dichloropropane	ND	0.93	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.4	"		ND					25	
1,3,5-Trimethylbenzene	3.1	0.99	"		3.1				0.00	25	
1,3-Butadiene	ND	1.3	"		ND					25	
1,3-Dichlorobenzene	ND	1.2	"		ND					25	
1,3-Dichloropropane	ND	0.93	"		ND					25	
1,4-Dichlorobenzene	ND	1.2	"		ND					25	
1,4-Dioxane	ND	1.5	"		ND					25	
2-Butanone	12	0.60	"		12				1.45	25	
2-Hexanone	ND	1.7	"		ND					25	
3-Chloropropene	ND	3.2	"		ND					25	
4-Methyl-2-pentanone	42	0.83	"		43				2.34	25	
Acetone	120	0.96	"		130				1.71	25	
Acrylonitrile	ND	0.44	"		ND					25	
Benzene	4.1	0.65	"		3.9				3.23	25	
Benzyl chloride	ND	1.0	"		ND					25	
Bromodichloromethane	ND	1.4	"		ND					25	
Bromoform	ND	2.1	"		ND					25	
Bromomethane	ND	0.79	"		ND					25	
Carbon disulfide	3.0	0.63	"		2.9				4.26	25	
Carbon tetrachloride	3.2	0.32	"		3.2				0.00	25	
Chlorobenzene	ND	0.93	"		ND					25	
Chloroethane	ND	0.53	"		ND					25	
Chloroform	16	0.99	"		16				0.00	25	
Chloromethane	0.38	0.42	"		0.42				10.5	25	
cis-1,2-Dichloroethylene	ND	0.20	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.92	"		ND					25	
Cyclohexane	3.2	0.70	"		3.1				2.20	25	
Dibromochloromethane	ND	1.7	"		ND					25	
Dichlorodifluoromethane	4.8	1.0	"		4.8				0.00	25	
Ethyl acetate	13	1.5	"		12				2.34	25	
Ethyl Benzene	9.0	0.88	"		8.9				0.985	25	
Hexachlorobutadiene	ND	2.2	"		ND					25	
Isopropanol	95	0.99	"		93				1.22	25	
Methyl Methacrylate	0.41	0.83	"		1.1				88.9	25	Non-dir.
Methyl tert-butyl ether (MTBE)	ND	0.73	"		ND					25	
Methylene chloride	5.8	1.4	"		5.8				0.00	25	
n-Heptane	14	0.83	"		13				5.68	25	

Volatile Organic Compounds in Air 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 BD21350 - EPA TO15 PREP											
Duplicate (BD21350-DUP1)	*Source sample: 22D0514-02 (Duplicate)								Prepared: 04/21/2022 Analyzed: 04/22/2022		
n-Hexane	18	0.71	ug/m³		17				3.64	25	
o-Xylene	10	0.88	"		11				1.67	25	
p- & m- Xylenes	33	1.8	"		33				0.528	25	
p-Ethyltoluene	9.1	0.99	"		9.0				1.10	25	
Propylene	ND	0.35	"		ND					25	
Styrene	5.7	0.86	"		5.7				0.00	25	
Tetrachloroethylene	16	1.4	"		17				4.15	25	
Tetrahydrofuran	14	1.2	"		14				0.421	25	
Toluene	110	0.76	"		110				1.79	25	
trans-1,2-Dichloroethylene	ND	0.80	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.92	"		ND					25	
Trichloroethylene	1.5	0.27	"		1.5				0.00	25	
Trichlorofluoromethane (Freon 11)	1.4	1.1	"		1.4				0.00	25	
Vinyl acetate	ND	0.71	"		ND					25	
Vinyl bromide	ND	0.88	"		ND					25	
Vinyl Chloride	ND	0.26	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

QR-01 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

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.

Corrective Action: Samples 22D0207-02 and 22D0207-06 were recieved with valves open. Client indicated samples should be analyzed regardless. Due to laboratory miscommunication, canisters were cleaned and not analyzed.

York Analytical Laboratories, Inc.
120 Research Drive Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: 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. 22D0207

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 356061

YOUR Project Name: 77 Cornell Street Kingston, New York

YOUR PO#:

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.

Deborah Thompson
Samples Collected by: (print your name above and sign below)
Deborah Thompson

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

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 Deliv. | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SG-1	4/5/22 244	AS	-30	-9	16152	Y-24	TO-15
SG-2	248	↓	-30	-8	34503	2606	↓
SG-3	252		-30	-8	42991	5413	
SG-4	256		-30	-12	42995	13569	
SG-5	302		-30	-9	43004	Y-42	
AO	345	AO	-30	-10	37382	13564	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ✓
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister ✓
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	4/6/22 11:30	Client York	4-6-22 11:30	Client York	4-6-22 1540
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature]	4/6/22 1540	[signature]	4/7/22 1311	Ivan B	4/7/22 1311
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Ivan B	4/7/22			[signature]	04/07/22 17:27

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 09/26/2022
Client Project ID: 77 Cornell Street Kingston, New York
York Project (SDG) No.: 22I0928

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: 09/26/2022
Client Project ID: 77 Cornell Street Kingston, New York
York Project (SDG) No.: 22I0928

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 September 19, 2022 and listed below. The project was identified as your project: **77 Cornell Street Kingston, New York**.

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
22I0928-01	SV-1A	Soil Vapor	09/16/2022	09/19/2022
22I0928-02	SV-2A	Soil Vapor	09/16/2022	09/19/2022
22I0928-03	SV-4A	Soil Vapor	09/16/2022	09/19/2022

General Notes for York Project (SDG) No.: 22I0928

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:** 09/26/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SV-1A

York Sample ID: 22I0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:23 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.2	7.616	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 21:25	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	4.2	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.2	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.8	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.2	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.1	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.75	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.7	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**87**		ug/m³	3.7	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.9	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.6	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.1	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.5	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.3	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**24**		ug/m³	3.7	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	5.1	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.6	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.5	7.616	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 21:25	LLJ

Sample Information

Client Sample ID: SV-1A **York Sample ID:** 22I0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:23 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.6	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	5.5	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
78-93-3	**2-Butanone**	**9.7**		ug/m³	2.2	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
591-78-6	*** 2-Hexanone**	**6.6**		ug/m³	6.2	7.616	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 21:25	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	12	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
108-10-1	**4-Methyl-2-pentanone**	**63**		ug/m³	3.1	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
67-64-1	**Acetone**	**50**		ug/m³	3.6	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	1.7	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
71-43-2	**Benzene**	**6.3**		ug/m³	2.4	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	3.9	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	5.1	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
75-25-2	Bromoform	ND		ug/m³	7.9	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
74-83-9	Bromomethane	ND		ug/m³	3.0	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
75-15-0	Carbon disulfide	ND		ug/m³	2.4	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m³	1.2	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	3.5	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
75-00-3	Chloroethane	ND		ug/m³	2.0	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
67-66-3	Chloroform	ND		ug/m³	3.7	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
74-87-3	Chloromethane	ND		ug/m³	1.6	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ

Sample Information

Client Sample ID: SV-1A

York Sample ID: 22I0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:23 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.75	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.5	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
110-82-7	**Cyclohexane**	**4.7**		ug/m³	2.6	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	6.5	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.8	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	5.5	7.616	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 21:25	LLJ
100-41-4	**Ethyl Benzene**	**52**		ug/m³	3.3	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	8.1	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
67-63-0	**Isopropanol**	**48**		ug/m³	3.7	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	3.1	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.7	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
75-09-2	Methylene chloride	ND		ug/m³	5.3	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
142-82-5	**n-Heptane**	**22**		ug/m³	3.1	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
110-54-3	**n-Hexane**	**6.2**		ug/m³	2.7	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
95-47-6	**o-Xylene**	**69**		ug/m³	3.3	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
179601-23-1	**p- & m- Xylenes**	**180**		ug/m³	6.6	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
622-96-8	*** p-Ethyltoluene**	**99**		ug/m³	3.7	7.616	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 21:25	LLJ
115-07-1	*** Propylene**	**14**		ug/m³	1.3	7.616	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 21:25	LLJ
100-42-5	Styrene	ND		ug/m³	3.2	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ
127-18-4	**Tetrachloroethylene**	**1200**		ug/m³	5.2	7.616	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 21:25	LLJ

Sample Information

Client Sample ID: SV-1A **York Sample ID:** 22I0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:23 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.5	7.616	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 21:25	LLJ
108-88-3	**Toluene**	**100**		ug/m³	2.9	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.0	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.5	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
79-01-6	**Trichloroethylene**	**100**		ug/m³	1.0	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.3	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	2.7	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	3.3	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.97	7.616	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 21:25	LLJ

Sample Information

Client Sample ID: SV-2A **York Sample ID:** 22I0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:33 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	1.998	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 22:26	LLJ
71-55-6	**1,1,1-Trichloroethane**	**5.0**		ug/m³	1.1	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ

Sample Information

Client Sample ID: **SV-2A** **York Sample ID:** **22I0928-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:33 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.81	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**89**		ug/m³	0.98	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.81	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.92	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**24**		ug/m³	0.98	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.92	1.998	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 22:26	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
78-93-3	**2-Butanone**	**8.6**		ug/m³	0.59	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ
591-78-6	*** 2-Hexanone**	**6.3**		ug/m³	1.6	1.998	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 22:26	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	3.1	1.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 22:26	LLJ

Sample Information

Client Sample ID: SV-2A

York Sample ID: 22I0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:33 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**59**		ug/m³	0.82	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**34**		ug/m³	0.95	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.43	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**5.1**		ug/m³	0.64	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.0	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.1	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.78	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**1.3**		ug/m³	0.62	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.38**	TO-CCV	ug/m³	0.31	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.92	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.53	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.98**		ug/m³	0.98	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.41	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.20	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.91	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**3.6**		ug/m³	0.69	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.99	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:			

Sample Information

Client Sample ID: SV-2A **York Sample ID:** 22I0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:33 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**46**		ug/m³	0.87	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.1	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**7.9**		ug/m³	0.98	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.82	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.72	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**3.2**		ug/m³	1.4	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**16**		ug/m³	0.82	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**6.3**		ug/m³	0.70	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**64**		ug/m³	0.87	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**160**		ug/m³	1.7	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**99**		ug/m³	0.98	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:			
115-07-1	*** Propylene**	**18**		ug/m³	0.34	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.85	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**430**		ug/m³	1.4	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.2	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications:			
108-88-3	**Toluene**	**83**		ug/m³	0.75	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.79	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.91	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**130**		ug/m³	0.27	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	1.1	1.998	EPA TO-15	09/23/2022 02:35	09/23/2022 22:26	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SV-2A **York Sample ID:** 22I0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:33 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	0.70	1.998	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 22:26	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	0.87	1.998	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 22:26	LLJ
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	1.998	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 22:26	LLJ

Sample Information

Client Sample ID: SV-4A **York Sample ID:** 22I0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:19 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.7	8.248	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 23:23	LLJ
71-55-6	**1,1,1-Trichloroethane**	**4.5**		ug/m³	4.5	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	5.7	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	6.3	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	4.5	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m³	3.3	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.82	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	6.1	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
95-63-6	**1,2,4-Trimethylbenzene**	**60**		ug/m³	4.1	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m³	6.3	8.248	EPA TO-15 Certifications:	09/23/2022 02:35 NELAC-NY12058,NJDEP-Queens	09/23/2022 23:23	LLJ

Sample Information

Client Sample ID: SV-4A

York Sample ID: 22I0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:19 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	5.0	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m³	3.3	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.8	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	5.8	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
108-67-8	**1,3,5-Trimethylbenzene**	**17**		ug/m³	4.1	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
106-99-0	1,3-Butadiene	ND		ug/m³	5.5	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	5.0	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.8	8.248	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 23:23	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	5.0	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
123-91-1	1,4-Dioxane	ND		ug/m³	5.9	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
78-93-3	**2-Butanone**	**5.1**		ug/m³	2.4	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
591-78-6	* 2-Hexanone	ND		ug/m³	6.8	8.248	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 23:23	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	13	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
108-10-1	**4-Methyl-2-pentanone**	**57**		ug/m³	3.4	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
67-64-1	**Acetone**	**21**		ug/m³	3.9	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	1.8	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
71-43-2	**Benzene**	**5.3**		ug/m³	2.6	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	4.3	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	5.5	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ

Sample Information

Client Sample ID: SV-4A **York Sample ID:** 22I0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:19 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	8.5	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
74-83-9	Bromomethane	ND		ug/m³	3.2	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
75-15-0	Carbon disulfide	ND		ug/m³	2.6	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m³	1.3	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	3.8	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
75-00-3	Chloroethane	ND		ug/m³	2.2	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
67-66-3	Chloroform	ND		ug/m³	4.0	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
74-87-3	Chloromethane	ND		ug/m³	1.7	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.82	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.7	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
110-82-7	**Cyclohexane**	**3.7**		ug/m³	2.8	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	7.0	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.1	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	5.9	8.248	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 23:23	LLJ
100-41-4	**Ethyl Benzene**	**30**		ug/m³	3.6	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m³	8.8	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
67-63-0	**Isopropanol**	**12**		ug/m³	4.1	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m³	3.4	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.0	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ

Sample Information

Client Sample ID: SV-4A **York Sample ID:** 22I0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I0928	77 Cornell Street Kingston, New York	Soil Vapor	September 16, 2022 2:19 pm	09/19/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/m³	5.7	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
142-82-5	**n-Heptane**	**15**		ug/m³	3.4	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
110-54-3	**n-Hexane**	**4.7**		ug/m³	2.9	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
95-47-6	**o-Xylene**	**44**		ug/m³	3.6	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
179601-23-1	**p- & m- Xylenes**	**100**		ug/m³	7.2	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
622-96-8	*** p-Ethyltoluene**	**58**		ug/m³	4.1	8.248	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 23:23	LLJ
115-07-1	*** Propylene**	**6.1**		ug/m³	1.4	8.248	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 23:23	LLJ
100-42-5	Styrene	ND		ug/m³	3.5	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
127-18-4	**Tetrachloroethylene**	**1200**		ug/m³	5.6	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m³	4.9	8.248	EPA TO-15 Certifications:	09/23/2022 02:35	09/23/2022 23:23	LLJ
108-88-3	**Toluene**	**70**		ug/m³	3.1	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	3.3	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.7	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
79-01-6	**Trichloroethylene**	**360**		ug/m³	1.1	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	4.6	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
108-05-4	Vinyl acetate	ND		ug/m³	2.9	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
593-60-2	Vinyl bromide	ND		ug/m³	3.6	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	8.248	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	09/23/2022 02:35	09/23/2022 23:23	LLJ

Sample and Data Qualifiers Relating to This Work Order

TO-CCV The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).

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 current NELAC/TNI 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.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: 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. 22T0928

YOUR Information	Report To:	Invoice To:
Company: DT Consulting Services Inc.	Company: Same	Company: Same
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact: Deborah Thompson	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: 77 Cornell Street Kingston, New York

YOUR PO#:

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.

Samples Collected by: (print your name above and sign below)

Deborah Thompson

Deborah Thompson

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

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 Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

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

Certified Canisters: Batch ✓ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ✓ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-1A	9/14/22 223 pm	AS	-30	-10	23799	5118	TO-15
SV-2A	↓ 233 pm	↓	-30	-10	22076	3350	↓
SV-4A	↓ 219 pm	↓	-30	-10	15608	13570	↓

Comments:

Detection Limits Required

≤ 1 ug/m³ ✓ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister ←
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	9/19/22	Chris C York	9-19-22 10:45	Chris C York	9-19-22 1433
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
K Blocker / York	9/19/22 1433	K Blocker / York			
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time

APPENDIX C
INTERIOR SOIL GAS AND INDOOR AIR LABORATORY ANALYTICAL REPORT

Technical Report

prepared for:

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

Report Date: 04/27/2022
Client Project ID: 77 Cornell Street Kingtston, NY
York Project (SDG) No.: 22D0384

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: 04/27/2022
Client Project ID: 77 Cornell Street Kingtston, NY
York Project (SDG) No.: 22D0384

DT Consulting Services
1291 Old Post Road
Ulster Park NY, 12487
Attention: Deborah Thompson

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 07, 2022 and listed below. The project was identified as your project: **77 Cornell Street Kingtston, NY**.

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
22D0384-01	VP-1	Soil Vapor	04/05/2022	04/07/2022
22D0384-02	VP-1 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-03	VP-2	Soil Vapor	04/05/2022	04/07/2022
22D0384-04	VP-2 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-06	VP-3 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-07	VP-4	Soil Vapor	04/05/2022	04/07/2022
22D0384-08	VP-4 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-09	VP-5	Soil Vapor	04/05/2022	04/07/2022
22D0384-10	VP-5 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-11	VP-6	Soil Vapor	04/05/2022	04/07/2022
22D0384-12	VP-6 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-13	VP-7	Soil Vapor	04/05/2022	04/07/2022
22D0384-14	VP-7 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-15	VP-8	Soil Vapor	04/05/2022	04/07/2022
22D0384-16	VP-8 IA	Indoor Ambient Air	04/05/2022	04/07/2022
22D0384-17	VP-9	Soil Vapor	04/05/2022	04/07/2022
22D0384-18	102 IA	Indoor Ambient Air	04/05/2022	04/07/2022

General Notes for York Project (SDG) No.: 22D0384

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:** 04/27/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: VP-1 **York Sample ID:** 22D0384-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:20 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.641	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 10:16	AS
71-55-6	**1,1,1-Trichloroethane**	**2.1**		ug/m³	0.90	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.66	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
95-63-6	**1,2,4-Trimethylbenzene**	**6.8**		ug/m³	0.81	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.66	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
108-67-8	**1,3,5-Trimethylbenzene**	**2.3**		ug/m³	0.81	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.641	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 10:16	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.48	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.641	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 10:16	AS

Sample Information

Client Sample ID: VP-1 **York Sample ID:** 22D0384-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:20 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.67	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
67-64-1	**Acetone**	**12**		ug/m³	0.78	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
71-43-2	Benzene	ND		ug/m³	0.52	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
100-44-7	Benzyl chloride	ND		ug/m³	0.85	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
75-25-2	Bromoform	ND		ug/m³	1.7	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
74-83-9	Bromomethane	ND		ug/m³	0.64	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
75-15-0	Carbon disulfide	ND		ug/m³	0.51	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.26	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
75-00-3	Chloroethane	ND		ug/m³	0.43	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
67-66-3	**Chloroform**	**0.88**		ug/m³	0.80	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
74-87-3	Chloromethane	ND		ug/m³	0.34	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
156-59-2	**cis-1,2-Dichloroethylene**	**0.26**		ug/m³	0.16	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.74	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
110-82-7	Cyclohexane	ND		ug/m³	0.56	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.81	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.641	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 10:16	AS
100-41-4	Ethyl Benzene	ND		ug/m³	0.71	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.641	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 10:16	AS

Sample Information

Client Sample ID: VP-1 **York Sample ID:** 22D0384-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:20 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**7.1**		ug/m³	0.81	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.67	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.58	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**1.8**		ug/m³	0.71	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**2.6**		ug/m³	1.4	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**2.8**		ug/m³	0.81	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.28	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.70	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**36**		ug/m³	1.1	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.97	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications:			
108-88-3	**Toluene**	**1.2**		ug/m³	0.62	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.65	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.74	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**100**		ug/m³	0.22	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.92	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.58	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.641	EPA TO-15	04/22/2022 20:00	04/23/2022 10:16	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: VP-1 IA

York Sample ID: 22D0384-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:20 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.71	1.031	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 02:35	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.56	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.71	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.79	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.56	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.77	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.51	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.79	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.62	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.42	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.48	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.72	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.51	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.68	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.62	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.48	1.031	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 02:35	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.62	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.74	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
78-93-3	**2-Butanone**	**3.5**		ug/m³	0.30	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.84	1.031	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 02:35	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.031	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 02:35	AS

Sample Information

Client Sample ID: **VP-1 IA** **York Sample ID:** **22D0384-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:20 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.55**		ug/m³	0.42	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**160**		ug/m³	0.92	1.93	EPA TO-15	04/22/2022 20:00	04/23/2022 12:05	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.22	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.76**		ug/m³	0.33	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.53	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.69	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.1	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.40	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.32	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.39**		ug/m³	0.16	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.47	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.27	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.50	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.21	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.47	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.46**		ug/m³	0.35	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.88	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.51	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.0**		ug/m³	0.74	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.58**		ug/m³	0.45	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**260**	TO-IPA, E	ug/m³	0.51	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-1 IA

York Sample ID: 22D0384-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:20 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.4**		ug/m³	0.72	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.72**		ug/m³	0.42	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.51**		ug/m³	0.36	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.58**		ug/m³	0.45	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.8**		ug/m³	0.90	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.51	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.18	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.44	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.84**		ug/m³	0.70	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**2.5**		ug/m³	0.61	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:			
108-88-3	**Toluene**	**3.6**		ug/m³	0.39	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.47	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.66**		ug/m³	0.14	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.58	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.36	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.45	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.031	EPA TO-15	04/22/2022 20:00	04/23/2022 02:35	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-2 **York Sample ID:** 22D0384-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**2.5**		ug/m³	1.1	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.81	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**8.8**		ug/m³	0.98	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.81	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.92	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**3.2**		ug/m³	0.98	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.92	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**2.9**		ug/m³	0.59	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.6	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	3.1	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-2 **York Sample ID:** 22D0384-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.82	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**45**		ug/m³	0.95	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.43	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**1.1**		ug/m³	0.64	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.0	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	2.1	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.78	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.62	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.38**		ug/m³	0.31	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.92	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.53	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**1.9**		ug/m³	0.97	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.41	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	**cis-1,2-Dichloroethylene**	**5.6**		ug/m³	0.20	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.91	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.69	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.99	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.0**		ug/m³	0.87	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.1	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**18**		ug/m³	0.98	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: VP-2 **York Sample ID:** 22D0384-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	**Methyl Methacrylate**	**3.6**		ug/m³	0.82	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.72	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**1.4**		ug/m³	1.4	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.82	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.70	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**2.8**		ug/m³	0.87	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**4.0**		ug/m³	1.7	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**3.7**		ug/m³	0.98	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.34	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.85	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**7.0**		ug/m³	1.4	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**2.6**		ug/m³	1.2	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications:			
108-88-3	**Toluene**	**2.8**		ug/m³	0.75	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.79	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.91	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**350**		ug/m³	0.27	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	1.1	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.70	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.87	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	1.996	EPA TO-15	04/22/2022 20:00	04/23/2022 13:01	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: VP-2 IA

York Sample ID: 22D0384-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.60	0.879	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 04:40	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.48	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.60	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.67	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.48	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.36	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.087	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.65	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
95-63-6	**1,2,4-Trimethylbenzene**	**0.52**		ug/m³	0.43	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.68	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.53	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.36	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.41	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.61	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.43	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.58	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.53	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.41	0.879	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 04:40	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.53	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
78-93-3	**2-Butanone**	**2.4**		ug/m³	0.26	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.72	0.879	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 04:40	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.879	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 04:40	AS

Sample Information

Client Sample ID: **VP-2 IA** **York Sample ID:** **22D0384-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.54**		ug/m³	0.36	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**29**		ug/m³	0.42	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.19	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.53**		ug/m³	0.28	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.46	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.59	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.91	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.34	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.39**		ug/m³	0.14	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.23	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.43	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.18	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.087	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.36**		ug/m³	0.30	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.75	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.43	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.0**		ug/m³	0.63	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.50**		ug/m³	0.38	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.94	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**150**	TO-IPA, E	ug/m³	0.43	0.879	EPA TO-15	04/22/2022 20:00	04/23/2022 04:40	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-2 IA

York Sample ID: 22D0384-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.36	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.32	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
75-09-2	**Methylene chloride**	**0.79**		ug/m³	0.61	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
142-82-5	**n-Heptane**	**0.65**		ug/m³	0.36	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
110-54-3	**n-Hexane**	**0.37**		ug/m³	0.31	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
95-47-6	**o-Xylene**	**0.57**		ug/m³	0.38	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
179601-23-1	**p- & m- Xylenes**	**1.7**		ug/m³	0.76	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
622-96-8	*** p-Ethyltoluene**	**0.43**		ug/m³	0.43	0.879	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 04:40	AS
115-07-1	* Propylene	ND		ug/m³	0.15	0.879	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 04:40	AS
100-42-5	Styrene	ND		ug/m³	0.37	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
127-18-4	**Tetrachloroethylene**	**3.0**		ug/m³	0.60	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
109-99-9	*** Tetrahydrofuran**	**2.0**		ug/m³	0.52	0.879	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 04:40	AS
108-88-3	**Toluene**	**2.3**		ug/m³	0.33	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.35	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.40	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
79-01-6	**Trichloroethylene**	**0.57**		ug/m³	0.12	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.49	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.31	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.879	EPA TO-15 Certifications:	04/22/2022 20:00 NELAC-NY12058,NJDEP-Queens	04/23/2022 04:40	AS

Sample Information

Client Sample ID: VP-3 IA

York Sample ID: 22D0384-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	0.998	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 06:37	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.76	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.54	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.099	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
95-63-6	**1,2,4-Trimethylbenzene**	**0.59**		ug/m³	0.49	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.998	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 06:37	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
78-93-3	**2-Butanone**	**3.5**		ug/m³	0.29	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	0.998	EPA TO-15 Certifications:	04/22/2022 20:00	04/23/2022 06:37	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.6	0.998	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/22/2022 20:00	04/23/2022 06:37	AS

Sample Information

Client Sample ID: VP-3 IA

York Sample ID: 22D0384-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**29**		ug/m³	0.47	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.57**		ug/m³	0.32	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.0	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.39	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.44**		ug/m³	0.16	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.26	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.49	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.95**		ug/m³	0.21	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.099	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.1**		ug/m³	0.34	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.49	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.6**		ug/m³	0.72	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.65**		ug/m³	0.43	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**200**	TO-IPA, E	ug/m³	0.49	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-3 IA

York Sample ID: 22D0384-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:50 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.83**		ug/m³	0.69	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.86**		ug/m³	0.41	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.46**		ug/m³	0.35	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.82**		ug/m³	0.43	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**2.5**		ug/m³	0.87	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.59**		ug/m³	0.49	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.43	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1.0**		ug/m³	0.68	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**3.3**		ug/m³	0.59	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:			
108-88-3	**Toluene**	**5.3**		ug/m³	0.38	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.97**		ug/m³	0.13	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.56	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	0.998	EPA TO-15	04/22/2022 20:00	04/23/2022 06:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-4 **York Sample ID:** 22D0384-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 3:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**2.5**		ug/m³	0.97	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.97	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**2.6**		ug/m³	0.88	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.88	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.82	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**5.3**		ug/m³	0.53	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-4 **York Sample ID:** 22D0384-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 3:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**1.1**		ug/m³	0.73	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**49**		ug/m³	0.85	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.39	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.3**		ug/m³	0.57	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.92	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.8	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.69	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.56	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.56**		ug/m³	0.28	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.82	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.47	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**14**		ug/m³	0.87	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.37	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.81	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.61	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.88	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.6**		ug/m³	0.77	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**19**		ug/m³	0.88	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 12:10	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-4 **York Sample ID:** 22D0384-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 3:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
75-09-2	**Methylene chloride**	**1.8**		ug/m³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
142-82-5	**n-Heptane**	**0.88**		ug/m³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
110-54-3	**n-Hexane**	**0.94**		ug/m³	0.63	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
95-47-6	**o-Xylene**	**4.3**		ug/m³	0.77	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
179601-23-1	**p- & m- Xylenes**	**16**		ug/m³	1.5	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
622-96-8	*** p-Ethyltoluene**	**3.2**		ug/m³	0.88	1.784	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 12:10	AS
115-07-1	* Propylene	ND		ug/m³	0.31	1.784	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 12:10	AS
100-42-5	Styrene	ND		ug/m³	0.76	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
127-18-4	**Tetrachloroethylene**	**73**		ug/m³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
109-99-9	*** Tetrahydrofuran**	**3.2**		ug/m³	1.1	1.784	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 12:10	AS
108-88-3	**Toluene**	**14**		ug/m³	0.67	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.71	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.81	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
79-01-6	**Trichloroethylene**	**280**		ug/m³	0.24	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	1.0	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.63	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.78	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 12:10	AS

Sample Information

Client Sample ID: VP-4 IA

York Sample ID: 22D0384-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 3:15 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.74	1.08	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 08:37	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.59	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.74	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.83	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.59	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.44	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
120-82-1	**1,2,4-Trichlorobenzene**	**1.0**		ug/m³	0.80	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
95-63-6	**1,2,4-Trimethylbenzene**	**0.64**		ug/m³	0.53	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.83	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.65	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.44	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.50	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.75	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.53	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.72	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.65	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.50	1.08	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 08:37	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.65	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.78	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.32	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.88	1.08	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 08:37	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.7	1.08	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 08:37	AS

Sample Information

Client Sample ID: VP-4 IA

York Sample ID: 22D0384-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 3:15 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.44	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**11**		ug/m³	0.51	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.23	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.55**		ug/m³	0.35	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.56	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.72	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.1	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.42	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.34	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.17	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.50	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.28	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.53	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.7**		ug/m³	0.22	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.11	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.49	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.37	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.92	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.53	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.78	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.94**		ug/m³	0.47	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.2	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**15**		ug/m³	0.53	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-4 IA

York Sample ID: 22D0384-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 3:15 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.44	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.39	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.98**		ug/m³	0.75	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.66**		ug/m³	0.44	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.49**		ug/m³	0.38	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.4**		ug/m³	0.47	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**3.9**		ug/m³	0.94	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.53**		ug/m³	0.53	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.19	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.46	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.73	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**1.5**		ug/m³	0.64	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:			
108-88-3	**Toluene**	**5.0**		ug/m³	0.41	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.43	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.49	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.35**		ug/m³	0.15	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.61	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.38	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.47	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.14	1.08	EPA TO-15	04/23/2022 10:26	04/24/2022 08:37	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-5 **York Sample ID:** 22D0384-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 4:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**3.9**		ug/m³	0.97	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.97	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**11**		ug/m³	0.88	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**3.8**		ug/m³	0.88	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.82	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**4.7**		ug/m³	0.53	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.8	1.784	EPA TO-15	04/23/2022 10:26	04/24/2022 13:14	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-5 **York Sample ID:** 22D0384-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 4:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
67-64-1	**Acetone**	**39**		ug/m³	0.85	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
107-13-1	Acrylonitrile	ND		ug/m³	0.39	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
71-43-2	**Benzene**	**1.1**		ug/m³	0.57	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
100-44-7	Benzyl chloride	ND		ug/m³	0.92	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-25-2	Bromoform	ND		ug/m³	1.8	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
74-83-9	Bromomethane	ND		ug/m³	0.69	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-15-0	Carbon disulfide	ND		ug/m³	0.56	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
56-23-5	**Carbon tetrachloride**	**0.45**		ug/m³	0.28	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
108-90-7	Chlorobenzene	ND		ug/m³	0.82	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-00-3	Chloroethane	ND		ug/m³	0.47	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
67-66-3	**Chloroform**	**2.2**		ug/m³	0.87	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
74-87-3	Chloromethane	ND		ug/m³	0.37	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.81	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
110-82-7	**Cyclohexane**	**0.98**		ug/m³	0.61	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.88	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.784	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 13:14	AS
100-41-4	**Ethyl Benzene**	**1.4**		ug/m³	0.77	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
67-63-0	**Isopropanol**	**35**		ug/m³	0.88	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS

Sample Information

Client Sample ID: VP-5 **York Sample ID:** 22D0384-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 4:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-09-2	**Methylene chloride**	**3.7**		ug/m³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.73	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
110-54-3	**n-Hexane**	**0.63**		ug/m³	0.63	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
95-47-6	**o-Xylene**	**3.3**		ug/m³	0.77	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
179601-23-1	**p- & m- Xylenes**	**5.1**		ug/m³	1.5	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
622-96-8	*** p-Ethyltoluene**	**4.4**		ug/m³	0.88	1.784	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 13:14	AS
115-07-1	*** Propylene**	**0.46**		ug/m³	0.31	1.784	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 13:14	AS
100-42-5	Styrene	ND		ug/m³	0.76	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
127-18-4	**Tetrachloroethylene**	**31**		ug/m³	1.2	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
109-99-9	*** Tetrahydrofuran**	**3.4**		ug/m³	1.1	1.784	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 13:14	AS
108-88-3	**Toluene**	**6.1**		ug/m³	0.67	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.71	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.81	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
79-01-6	**Trichloroethylene**	**250**		ug/m³	0.24	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	1.0	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.63	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.78	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.784	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 13:14	AS

Sample Information

Client Sample ID: **VP-5 IA** **York Sample ID:** **22D0384-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 4:15 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.64	0.932	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 09:43	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.51	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.64	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.71	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.51	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.38	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.092	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.69	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.46	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.72	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.56	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.38	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.43	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.65	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.46	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.62	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.56	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.43	0.932	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 09:43	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.56	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
78-93-3	**2-Butanone**	**2.8**		ug/m³	0.27	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.76	0.932	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 09:43	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.932	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 09:43	AS

Sample Information

Client Sample ID: VP-5 IA

York Sample ID: 22D0384-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 4:15 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.38	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**17**		ug/m³	0.44	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.54**		ug/m³	0.30	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.48	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.62	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.96	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.36	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.29	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.15	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.43	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.25	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.46	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.8**		ug/m³	0.19	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.092	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.42	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.4**		ug/m³	0.32	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.79	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.46	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**2.1**		ug/m³	0.67	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.49**		ug/m³	0.40	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.99	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**53**		ug/m³	0.46	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-5 IA

York Sample ID: 22D0384-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 4:15 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.38	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.34	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.6**		ug/m³	0.65	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**1.1**		ug/m³	0.38	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.39**		ug/m³	0.33	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.49**		ug/m³	0.40	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.7**		ug/m³	0.81	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.46	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.16	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.40	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.95**		ug/m³	0.63	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**3.1**		ug/m³	0.55	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:			
108-88-3	**Toluene**	**2.6**		ug/m³	0.35	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.37	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.42	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.95**		ug/m³	0.13	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.52	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.33	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.41	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.932	EPA TO-15	04/23/2022 10:26	04/24/2022 09:43	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-6 **York Sample ID:** 22D0384-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.3	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.0	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.74	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.18	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**4.6**		ug/m³	0.90	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.74	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.6**		ug/m³	0.90	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.84	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**6.2**		ug/m³	0.54	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.9	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-6 **York Sample ID:** 22D0384-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.75	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**49**		ug/m³	0.87	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.40	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.2**		ug/m³	0.58	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.95	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.9	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.71	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.57	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.29	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.84	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.48	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.89	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.94**		ug/m³	0.38	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.18	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.83	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.2**		ug/m³	0.63	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.90	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.6**		ug/m³	1.3	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.79**		ug/m³	0.79	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**29**		ug/m³	0.90	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-6 **York Sample ID:** 22D0384-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 1:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.66	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.4**		ug/m³	1.3	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**2.0**		ug/m³	0.75	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**2.4**		ug/m³	0.64	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.79	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**2.7**		ug/m³	1.6	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.9**		ug/m³	0.90	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.31	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.78	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**6.5**		ug/m³	1.1	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:			
108-88-3	**Toluene**	**4.2**		ug/m³	0.69	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.83	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**6.5**		ug/m³	0.25	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	1.0	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.64	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.80	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.23	1.826	EPA TO-15	04/23/2022 10:26	04/24/2022 17:48	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-6 IA

York Sample ID: 22D0384-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.80	1.169	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 16:44	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.64	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.80	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.90	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.64	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.47	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.12	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.87	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.57	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.90	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.70	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.47	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.54	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.82	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.57	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.78	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.70	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.54	1.169	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 16:44	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.70	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.84	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
78-93-3	**2-Butanone**	**1.4**		ug/m³	0.34	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.96	1.169	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 16:44	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.8	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS

Sample Information

Client Sample ID: VP-6 IA

York Sample ID: 22D0384-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.48	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**14**		ug/m³	0.56	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.25	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**0.56**		ug/m³	0.37	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.61	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.78	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.2	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.45	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.36	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	**Carbon tetrachloride**	**0.37**		ug/m³	0.18	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.54	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.31	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.57	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	**Chloromethane**	**1.7**		ug/m³	0.24	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.53	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.40	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.0	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.58	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**3.5**		ug/m³	0.84	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.56**		ug/m³	0.51	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.2	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**130**		ug/m³	0.57	1.169	EPA TO-15	04/23/2022 10:26	04/24/2022 16:44	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: VP-6 IA

York Sample ID: 22D0384-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 1:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.48	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.42	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
75-09-2	**Methylene chloride**	**0.89**		ug/m³	0.81	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
142-82-5	n-Heptane	ND		ug/m³	0.48	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
110-54-3	n-Hexane	ND		ug/m³	0.41	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
95-47-6	**o-Xylene**	**0.51**		ug/m³	0.51	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
179601-23-1	**p- & m- Xylenes**	**1.6**		ug/m³	1.0	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.57	1.169	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 16:44	AS
115-07-1	*** Propylene**	**0.76**		ug/m³	0.20	1.169	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 16:44	AS
100-42-5	Styrene	ND		ug/m³	0.50	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
127-18-4	**Tetrachloroethylene**	**1.0**		ug/m³	0.79	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
109-99-9	*** Tetrahydrofuran**	**1.3**		ug/m³	0.69	1.169	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 16:44	AS
108-88-3	**Toluene**	**1.8**		ug/m³	0.44	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.46	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.53	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
79-01-6	**Trichloroethylene**	**0.94**		ug/m³	0.16	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.66	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.41	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.51	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.15	1.169	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 16:44	AS

Sample Information

Client Sample ID: VP-7 **York Sample ID:** 22D0384-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 2:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**3.2**		ug/m³	0.82	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.82	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.61	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.4**		ug/m³	0.74	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.90	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.61	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.69	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.4**		ug/m³	0.74	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.99	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.90	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.69	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.90	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**8.3**		ug/m³	0.44	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-7 **York Sample ID:** 22D0384-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 2:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.98**		ug/m³	0.61	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**140**		ug/m³	0.71	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.33	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.2**		ug/m³	0.48	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.78	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.5	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.58	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.47	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.38**		ug/m³	0.24	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.69	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.40	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**2.4**		ug/m³	0.73	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.7**		ug/m³	0.31	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.68	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.2**		ug/m³	0.52	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.74	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.7**		ug/m³	1.1	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.9**		ug/m³	0.65	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**130**		ug/m³	0.74	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-7 **York Sample ID:** 22D0384-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 2:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.54	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.9**		ug/m³	1.0	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**2.4**		ug/m³	0.61	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.53	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.9**		ug/m³	0.65	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**4.2**		ug/m³	1.3	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.8**		ug/m³	0.74	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:			
115-07-1	*** Propylene**	**0.64**		ug/m³	0.26	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.64	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**5.8**		ug/m³	1.0	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**3.3**		ug/m³	0.88	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:			
108-88-3	**Toluene**	**10**		ug/m³	0.56	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.68	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**100**		ug/m³	0.20	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.84	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.53	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.66	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.499	EPA TO-15	04/23/2022 10:26	04/24/2022 18:51	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-7 IA

York Sample ID: 22D0384-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.63	0.913	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 10:45	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.50	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.63	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.70	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.50	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.37	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.090	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.68	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
95-63-6	**1,2,4-Trimethylbenzene**	**0.90**		ug/m³	0.45	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.70	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.55	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.37	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.42	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.64	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.45	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.61	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.55	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.42	0.913	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 10:45	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.55	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.66	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
78-93-3	**2-Butanone**	**5.3**		ug/m³	0.27	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.75	0.913	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 10:45	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS

Sample Information

Client Sample ID: VP-7 IA

York Sample ID: 22D0384-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.37	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
67-64-1	**Acetone**	**50**		ug/m³	0.43	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
107-13-1	Acrylonitrile	ND		ug/m³	0.20	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
71-43-2	**Benzene**	**0.53**		ug/m³	0.29	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
100-44-7	Benzyl chloride	ND		ug/m³	0.47	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
75-27-4	Bromodichloromethane	ND		ug/m³	0.61	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
75-25-2	Bromoform	ND		ug/m³	0.94	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
74-83-9	Bromomethane	ND		ug/m³	0.35	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
75-15-0	Carbon disulfide	ND		ug/m³	0.28	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.14	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
108-90-7	Chlorobenzene	ND		ug/m³	0.42	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
75-00-3	Chloroethane	ND		ug/m³	0.24	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
67-66-3	Chloroform	ND		ug/m³	0.45	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
74-87-3	**Chloromethane**	**1.9**		ug/m³	0.19	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.090	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.41	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
110-82-7	**Cyclohexane**	**0.94**		ug/m³	0.31	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
124-48-1	Dibromochloromethane	ND		ug/m³	0.78	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.45	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
141-78-6	*** Ethyl acetate**	**3.7**		ug/m³	0.66	0.913	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 10:45	AS
100-41-4	**Ethyl Benzene**	**1.4**		ug/m³	0.40	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.97	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS
67-63-0	**Isopropanol**	**130**	TO-IPA, E	ug/m³	0.45	0.913	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 10:45	AS

Sample Information

Client Sample ID: VP-7 IA

York Sample ID: 22D0384-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:00 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.37	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.33	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
75-09-2	**Methylene chloride**	**1.5**		ug/m³	0.63	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
142-82-5	**n-Heptane**	**4.0**		ug/m³	0.37	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
110-54-3	**n-Hexane**	**0.64**		ug/m³	0.32	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.40	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
179601-23-1	**p- & m- Xylenes**	**4.8**		ug/m³	0.79	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
622-96-8	*** p-Ethyltoluene**	**1.3**		ug/m³	0.45	0.913	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 10:45	AS
115-07-1	*** Propylene**	**0.57**		ug/m³	0.16	0.913	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 10:45	AS
100-42-5	Styrene	ND		ug/m³	0.39	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
127-18-4	**Tetrachloroethylene**	**1.9**		ug/m³	0.62	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
109-99-9	*** Tetrahydrofuran**	**3.5**		ug/m³	0.54	0.913	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 10:45	AS
108-88-3	**Toluene**	**13**		ug/m³	0.34	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.36	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.41	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
79-01-6	**Trichloroethylene**	**0.54**		ug/m³	0.12	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.51	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.32	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.40	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.913	EPA TO-15 Certifications:	04/23/2022 10:26 NELAC-NY12058,NJDEP-Queens	04/24/2022 10:45	AS

Sample Information

Client Sample ID: VP-8 **York Sample ID:** 22D0384-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 2:35 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**1.2**		ug/m³	1.1	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.81	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.20	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**13**		ug/m³	0.98	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	**1,2-Dichlorobenzene**	**2.8**		ug/m³	1.2	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.81	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.92	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**2.6**		ug/m³	0.98	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**2.0**		ug/m³	1.2	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.92	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**3.1**		ug/m³	1.2	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**6.4**		ug/m³	0.59	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.6	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	3.1	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-8 **York Sample ID:** 22D0384-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 2:35 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.82	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**21**		ug/m³	0.95	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.43	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**7.2**		ug/m³	0.64	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.0	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	2.1	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.77	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.62	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.31	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	**Chlorobenzene**	**10**		ug/m³	0.92	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.53	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**2.6**		ug/m³	0.97	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.41	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**4.3**		ug/m³	0.20	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.91	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.2**		ug/m³	0.69	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.99	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**19**		ug/m³	0.87	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.1	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**29**		ug/m³	0.98	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-8 **York Sample ID:** 22D0384-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 2:35 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.82	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.72	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.4	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**0.98**		ug/m³	0.82	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.70	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**17**		ug/m³	0.87	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**70**		ug/m³	1.7	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**15**		ug/m³	0.98	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.34	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:			
100-42-5	**Styrene**	**7.6**		ug/m³	0.85	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**58**		ug/m³	1.4	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**4.9**		ug/m³	1.2	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications:			
108-88-3	**Toluene**	**65**		ug/m³	0.75	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.79	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.91	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**680**		ug/m³	1.1	7.976	EPA TO-15	04/24/2022 04:00	04/26/2022 03:43	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	1.1	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.70	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.87	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.25	1.994	EPA TO-15	04/23/2022 10:26	04/24/2022 19:54	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **VP-8 IA** **York Sample ID:** **22D0384-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:35 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.80	1.165	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 14:24	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.64	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.80	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.89	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.64	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.47	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.12	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.86	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.57	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.90	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.70	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.47	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.54	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.81	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.57	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
106-99-0	1,3-Butadiene	ND		ug/m³	0.77	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.70	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.54	1.165	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 14:24	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.70	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
123-91-1	1,4-Dioxane	ND		ug/m³	0.84	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
78-93-3	**2-Butanone**	**2.2**		ug/m³	0.34	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
591-78-6	* 2-Hexanone	ND		ug/m³	0.95	1.165	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 14:24	AS
107-05-1	3-Chloropropene	ND		ug/m³	1.8	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS

Sample Information

Client Sample ID: VP-8 IA

York Sample ID: 22D0384-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:35 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.48	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**17**		ug/m³	0.55	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.25	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.63**		ug/m³	0.37	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.60	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.78	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.2	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.45	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.36	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.44**		ug/m³	0.18	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.54	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.31	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.57	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.7**		ug/m³	0.24	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.53	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.40**		ug/m³	0.40	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.99	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.58	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.4**		ug/m³	0.84	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.56**		ug/m³	0.51	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.2	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**64**		ug/m³	0.57	1.165	EPA TO-15	04/23/2022 10:26	04/24/2022 14:24	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-8 IA

York Sample ID: 22D0384-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:35 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.48	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.42	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
75-09-2	**Methylene chloride**	**0.85**		ug/m³	0.81	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
142-82-5	**n-Heptane**	**0.76**		ug/m³	0.48	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
110-54-3	**n-Hexane**	**0.62**		ug/m³	0.41	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
95-47-6	**o-Xylene**	**0.66**		ug/m³	0.51	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
179601-23-1	**p- & m- Xylenes**	**1.9**		ug/m³	1.0	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.57	1.165	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 14:24	AS
115-07-1	*** Propylene**	**0.70**		ug/m³	0.20	1.165	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 14:24	AS
100-42-5	Styrene	ND		ug/m³	0.50	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
127-18-4	**Tetrachloroethylene**	**1.1**		ug/m³	0.79	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
109-99-9	*** Tetrahydrofuran**	**1.3**		ug/m³	0.69	1.165	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 14:24	AS
108-88-3	**Toluene**	**5.4**		ug/m³	0.44	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.46	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.53	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
79-01-6	**Trichloroethylene**	**0.31**		ug/m³	0.16	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.65	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.41	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.51	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.15	1.165	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 14:24	AS

Sample Information

Client Sample ID: VP-9 **York Sample ID:** 22D0384-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 3:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.4	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**6.1**		ug/m³	1.1	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.6	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.85	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.21	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.6	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.2**		ug/m³	1.0	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.6	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.3	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.85	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.97	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.5	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.0	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.4	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.3	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.97	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.3	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.5	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**14**		ug/m³	0.62	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.7	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	3.3	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: VP-9 **York Sample ID:** 22D0384-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 3:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.86	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**67**		ug/m³	1.0	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND		ug/m³	0.46	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**1.7**		ug/m³	0.67	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	1.1	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	1.4	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	2.2	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.82	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.65	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.33	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.97	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.55	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	**Chloroform**	**5.2**		ug/m³	1.0	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.43	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.21	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.95	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**1.0**		ug/m³	0.72	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	1.8	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	1.0	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	1.5	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**4.7**		ug/m³	0.91	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.2	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**17**		ug/m³	1.0	2.102	EPA TO-15	04/23/2022 10:26	04/24/2022 20:55	AS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: VP-9 **York Sample ID:** 22D0384-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Soil Vapor	April 5, 2022 3:30 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.86	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.76	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
75-09-2	**Methylene chloride**	**1.7**		ug/m³	1.5	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
142-82-5	**n-Heptane**	**2.4**		ug/m³	0.86	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
110-54-3	**n-Hexane**	**1.8**		ug/m³	0.74	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
95-47-6	**o-Xylene**	**5.5**		ug/m³	0.91	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
179601-23-1	**p- & m- Xylenes**	**19**		ug/m³	1.8	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
622-96-8	*** p-Ethyltoluene**	**3.8**		ug/m³	1.0	2.102	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 20:55	AS
115-07-1	* Propylene	ND		ug/m³	0.36	2.102	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 20:55	AS
100-42-5	Styrene	ND		ug/m³	0.90	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
127-18-4	**Tetrachloroethylene**	**53**		ug/m³	1.4	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
109-99-9	*** Tetrahydrofuran**	**17**		ug/m³	1.2	2.102	EPA TO-15 Certifications:	04/23/2022 10:26	04/24/2022 20:55	AS
108-88-3	**Toluene**	**23**		ug/m³	0.79	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.83	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.95	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
79-01-6	**Trichloroethylene**	**8.1**		ug/m³	0.28	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	1.2	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
108-05-4	Vinyl acetate	ND		ug/m³	0.74	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
593-60-2	Vinyl bromide	ND		ug/m³	0.92	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS
75-01-4	Vinyl Chloride	ND		ug/m³	0.27	2.102	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	04/23/2022 10:26	04/24/2022 20:55	AS

Sample Information

Client Sample ID: **102 IA** **York Sample ID:** **22D0384-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:55 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.67	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.54	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.67	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.75	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND	IS-HI	ug/m³	0.54	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.097	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.73	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.48**		ug/m³	0.48	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND	IS-HI	ug/m³	0.76	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND	IS-HI	ug/m³	0.45	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.69	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.48	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.65	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND	IS-HI	ug/m³	0.45	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.59	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND	IS-HI	ug/m³	0.71	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.29	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND	IS-HI	ug/m³	0.81	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 102 IA

York Sample ID: 22D0384-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:55 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND	IS-HI	ug/m³	0.40	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**9.5**		ug/m³	0.47	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.21	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.69**		ug/m³	0.31	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.51	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND	IS-HI	ug/m³	0.66	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.0	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.38	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.37**		ug/m³	0.15	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.45	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.26	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.77**		ug/m³	0.48	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.20	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.097	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-HI	ug/m³	0.45	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.44**		ug/m³	0.34	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND	IS-HI	ug/m³	0.84	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.49	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.71	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.47**		ug/m³	0.43	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**20**		ug/m³	0.48	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 102 IA

York Sample ID: 22D0384-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22D0384	77 Cornell Street Kingtston, NY	Indoor Ambient Air	April 5, 2022 2:55 pm	04/07/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	**Methyl Methacrylate**	**0.72**	IS-HI	ug/m³	0.40	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**2.0**		ug/m³	0.68	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.56**		ug/m³	0.40	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.80**		ug/m³	0.35	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.64**		ug/m³	0.43	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.7**		ug/m³	0.85	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.48	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.42	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND	IS-HI	ug/m³	0.67	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**1.3**		ug/m³	0.58	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:			
108-88-3	**Toluene**	**2.8**	IS-HI	ug/m³	0.37	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-HI	ug/m³	0.45	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.16**	IS-HI	ug/m³	0.13	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.55	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	0.983	EPA TO-15	04/22/2022 20:00	04/23/2022 18:59	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Analytical Batch Summary

Batch ID: BD21416 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0384-01	VP-1	04/22/22
22D0384-02	VP-1 IA	04/22/22
22D0384-02RE1	VP-1 IA	04/22/22
22D0384-03	VP-2	04/22/22
22D0384-04	VP-2 IA	04/22/22
22D0384-06	VP-3 IA	04/22/22
22D0384-18	102 IA	04/22/22
BD21416-BLK1	Blank	04/22/22
BD21416-BS1	LCS	04/22/22
BD21416-DUP1	Duplicate	04/22/22

Batch ID: BD21423 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0384-07	VP-4	04/23/22
22D0384-08	VP-4 IA	04/23/22
22D0384-09	VP-5	04/23/22
22D0384-10	VP-5 IA	04/23/22
22D0384-11	VP-6	04/23/22
22D0384-12	VP-6 IA	04/23/22
22D0384-13	VP-7	04/23/22
22D0384-14	VP-7 IA	04/23/22
22D0384-15	VP-8	04/23/22
22D0384-16	VP-8 IA	04/23/22
22D0384-17	VP-9	04/23/22
BD21423-BLK1	Blank	04/23/22
BD21423-BS1	LCS	04/23/22
BD21423-DUP1	Duplicate	04/23/22

Batch ID: BD21424 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22D0384-15RE1	VP-8	04/24/22
BD21424-BLK1	Blank	04/24/22
BD21424-BS1	LCS	04/24/22
BD21424-DUP1	Duplicate	04/24/22

Volatile Organic Compounds in Air 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 BD21416 - EPA TO15 PREP											
Blank (BD21416-BLK1)											Prepared: 04/22/2022 Analyzed: 04/23/2022
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Volatile Organic Compounds in Air 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 BD21416 - EPA TO15 PREP											
Blank (BD21416-BLK1)											Prepared: 04/22/2022 Analyzed: 04/23/2022
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BD21416-BS1)											Prepared & Analyzed: 04/22/2022
1,1,1,2-Tetrachloroethane	10.7		ppbv	10.0		107	70-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130				
1,1,2-Trichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethylene	9.59		"	10.0		95.9	70-130				
1,2,4-Trichlorobenzene	10.0		"	10.0		100	70-130				
1,2,4-Trimethylbenzene	9.86		"	10.0		98.6	70-130				
1,2-Dibromoethane	10.8		"	10.0		108	70-130				
1,2-Dichlorobenzene	9.87		"	10.0		98.7	70-130				
1,2-Dichloroethane	10.1		"	10.0		101	70-130				
1,2-Dichloropropane	10.5		"	10.0		105	70-130				
1,2-Dichlorotetrafluoroethane	10.7		"	10.0		107	70-130				
1,3,5-Trimethylbenzene	9.87		"	10.0		98.7	70-130				
1,3-Butadiene	9.80		"	10.0		98.0	70-130				
1,3-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,3-Dichloropropane	10.8		"	10.0		108	70-130				
1,4-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,4-Dioxane	9.11		"	10.0		91.1	70-130				
2-Butanone	9.83		"	10.0		98.3	70-130				
2-Hexanone	8.35		"	10.0		83.5	70-130				
3-Chloropropene	10.0		"	10.0		100	70-130				
4-Methyl-2-pentanone	8.62		"	10.0		86.2	70-130				
Acetone	8.56		"	10.0		85.6	70-130				
Acrylonitrile	10.4		"	10.0		104	70-130				
Benzene	9.93		"	10.0		99.3	70-130				
Benzyl chloride	10.8		"	10.0		108	70-130				
Bromodichloromethane	10.4		"	10.0		104	70-130				
Bromoform	12.2		"	10.0		122	70-130				
Bromomethane	10.3		"	10.0		103	70-130				
Carbon disulfide	10.6		"	10.0		106	70-130				

Volatile Organic Compounds in Air 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 BD21416 - EPA TO15 PREP											
LCS (BD21416-BS1)								Prepared & Analyzed: 04/22/2022			
Carbon tetrachloride	10.3		ppbv	10.0		103	70-130				
Chlorobenzene	10.3		"	10.0		103	70-130				
Chloroethane	10.3		"	10.0		103	70-130				
Chloroform	10.2		"	10.0		102	70-130				
Chloromethane	9.38		"	10.0		93.8	70-130				
cis-1,2-Dichloroethylene	9.87		"	10.0		98.7	70-130				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Cyclohexane	10.4		"	10.0		104	70-130				
Dibromochloromethane	12.0		"	10.0		120	70-130				
Dichlorodifluoromethane	10.4		"	10.0		104	70-130				
Ethyl acetate	10.3		"	10.0		103	70-130				
Ethyl Benzene	10.3		"	10.0		103	70-130				
Hexachlorobutadiene	8.89		"	10.0		88.9	70-130				
Isopropanol	10.4		"	10.0		104	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	70-130				
Methylene chloride	9.18		"	10.0		91.8	70-130				
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	10.2		"	10.0		102	70-130				
o-Xylene	10.5		"	10.0		105	70-130				
p- & m- Xylenes	21.0		"	20.0		105	70-130				
p-Ethyltoluene	10.2		"	10.0		102	70-130				
Propylene	9.70		"	10.0		97.0	70-130				
Styrene	10.5		"	10.0		105	70-130				
Tetrachloroethylene	9.93		"	10.0		99.3	70-130				
Tetrahydrofuran	10.0		"	10.0		100	70-130				
Toluene	10.2		"	10.0		102	70-130				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Trichloroethylene	9.63		"	10.0		96.3	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.0		102	70-130				
Vinyl acetate	10.9		"	10.0		109	70-130				
Vinyl bromide	10.5		"	10.0		105	70-130				
Vinyl Chloride	9.57		"	10.0		95.7	70-130				

Volatile Organic Compounds in Air 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 BD21416 - EPA TO15 PREP											
Duplicate (BD21416-DUP1)	*Source sample: 22D0384-18 (102 IA)								Prepared: 04/22/2022 Analyzed: 04/23/2022		
1,1,1,2-Tetrachloroethane	ND	0.67	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.54	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.67	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.75	"		ND					25	
1,1,2-Trichloroethane	ND	0.54	"		ND					25	
1,1-Dichloroethane	ND	0.40	"		ND					25	
1,1-Dichloroethylene	ND	0.097	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.73	"		ND					25	
1,2,4-Trimethylbenzene	0.48	0.48	"		0.48				0.00	25	
1,2-Dibromoethane	ND	0.76	"		ND					25	
1,2-Dichlorobenzene	ND	0.59	"		ND					25	
1,2-Dichloroethane	ND	0.40	"		ND					25	
1,2-Dichloropropane	ND	0.45	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.69	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.48	"		ND					25	
1,3-Butadiene	ND	0.65	"		ND					25	
1,3-Dichlorobenzene	ND	0.59	"		ND					25	
1,3-Dichloropropane	ND	0.45	"		ND					25	
1,4-Dichlorobenzene	ND	0.59	"		ND					25	
1,4-Dioxane	ND	0.71	"		ND					25	
2-Butanone	1.3	0.29	"		1.3				0.00	25	
2-Hexanone	ND	0.81	"		ND					25	
3-Chloropropene	ND	1.5	"		ND					25	
4-Methyl-2-pentanone	ND	0.40	"		ND					25	
Acetone	9.4	0.47	"		9.5				1.24	25	
Acrylonitrile	ND	0.21	"		ND					25	
Benzene	0.66	0.31	"		0.69				4.65	25	
Benzyl chloride	ND	0.51	"		ND					25	
Bromodichloromethane	ND	0.66	"		ND					25	
Bromoform	ND	1.0	"		ND					25	
Bromomethane	ND	0.38	"		ND					25	
Carbon disulfide	ND	0.31	"		ND					25	
Carbon tetrachloride	0.37	0.15	"		0.37				0.00	25	
Chlorobenzene	ND	0.45	"		ND					25	
Chloroethane	ND	0.26	"		ND					25	
Chloroform	0.72	0.48	"		0.77				6.45	25	
Chloromethane	1.2	0.20	"		1.3				9.84	25	
cis-1,2-Dichloroethylene	ND	0.097	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Cyclohexane	0.41	0.34	"		0.44				8.00	25	
Dibromochloromethane	ND	0.84	"		ND					25	
Dichlorodifluoromethane	2.1	0.49	"		2.1				0.00	25	
Ethyl acetate	ND	0.71	"		ND					25	
Ethyl Benzene	0.47	0.43	"		0.47				0.00	25	
Hexachlorobutadiene	ND	1.0	"		ND					25	
Isopropanol	20	0.48	"		20				1.09	25	
Methyl Methacrylate	0.68	0.40	"		0.72				5.71	25	
Methyl tert-butyl ether (MTBE)	ND	0.35	"		ND					25	
Methylene chloride	2.0	0.68	"		2.0				1.71	25	
n-Heptane	0.56	0.40	"		0.56				0.00	25	

Volatile Organic Compounds in Air 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 BD21416 - EPA TO15 PREP											
Duplicate (BD21416-DUP1)	*Source sample: 22D0384-18 (102 IA)								Prepared: 04/22/2022 Analyzed: 04/23/2022		
n-Hexane	0.76	0.35	ug/m³		0.80				4.44	25	
o-Xylene	0.64	0.43	"		0.64				0.00	25	
p- & m- Xylenes	1.7	0.85	"		1.7				0.00	25	
p-Ethyltoluene	0.43	0.48	"		0.43				0.00	25	
Propylene	ND	0.17	"		ND					25	
Styrene	ND	0.42	"		ND					25	
Tetrachloroethylene	0.60	0.67	"		0.60				0.00	25	
Tetrahydrofuran	1.3	0.58	"		1.3				4.44	25	
Toluene	2.6	0.37	"		2.8				8.22	25	
trans-1,2-Dichloroethylene	ND	0.39	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Trichloroethylene	ND	0.13	"		0.16					25	
Trichlorofluoromethane (Freon 11)	1.2	0.55	"		1.2				0.00	25	
Vinyl acetate	ND	0.35	"		ND					25	
Vinyl bromide	ND	0.43	"		ND					25	
Vinyl Chloride	ND	0.13	"		ND					25	
Batch BD21423 - EPA TO15 PREP											
Blank (BD21423-BLK1)									Prepared: 04/23/2022 Analyzed: 04/24/2022		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

Volatile Organic Compounds in Air 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 BD21423 - EPA TO15 PREP											
Blank (BD21423-BLK1)											
Prepared: 04/23/2022 Analyzed: 04/24/2022											
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								

Volatile Organic Compounds in Air 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 BD21423 - EPA TO15 PREP											
LCS (BD21423-BS1)								Prepared: 04/23/2022 Analyzed: 04/24/2022			
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	9.63		"	10.0		96.3	70-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethylene	9.46		"	10.0		94.6	70-130				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	70-130				
1,2,4-Trimethylbenzene	9.82		"	10.0		98.2	70-130				
1,2-Dibromoethane	10.6		"	10.0		106	70-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130				
1,2-Dichloroethane	9.21		"	10.0		92.1	70-130				
1,2-Dichloropropane	10.8		"	10.0		108	70-130				
1,2-Dichlorotetrafluoroethane	11.6		"	10.0		116	70-130				
1,3,5-Trimethylbenzene	9.92		"	10.0		99.2	70-130				
1,3-Butadiene	11.0		"	10.0		110	70-130				
1,3-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,3-Dichloropropane	10.6		"	10.0		106	70-130				
1,4-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,4-Dioxane	9.32		"	10.0		93.2	70-130				
2-Butanone	10.2		"	10.0		102	70-130				
2-Hexanone	8.42		"	10.0		84.2	70-130				
3-Chloropropene	10.7		"	10.0		107	70-130				
4-Methyl-2-pentanone	8.85		"	10.0		88.5	70-130				
Acetone	8.47		"	10.0		84.7	70-130				
Acrylonitrile	10.6		"	10.0		106	70-130				
Benzene	10.0		"	10.0		100	70-130				
Benzyl chloride	10.9		"	10.0		109	70-130				
Bromodichloromethane	10.0		"	10.0		100	70-130				
Bromoform	12.3		"	10.0		123	70-130				
Bromomethane	11.1		"	10.0		111	70-130				
Carbon disulfide	10.8		"	10.0		108	70-130				
Carbon tetrachloride	9.76		"	10.0		97.6	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	11.6		"	10.0		116	70-130				
Chloroform	9.89		"	10.0		98.9	70-130				
Chloromethane	11.4		"	10.0		114	70-130				
cis-1,2-Dichloroethylene	9.83		"	10.0		98.3	70-130				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Cyclohexane	10.7		"	10.0		107	70-130				
Dibromochloromethane	11.4		"	10.0		114	70-130				
Dichlorodifluoromethane	9.29		"	10.0		92.9	70-130				
Ethyl acetate	10.6		"	10.0		106	70-130				
Ethyl Benzene	10.5		"	10.0		105	70-130				
Hexachlorobutadiene	8.70		"	10.0		87.0	70-130				
Isopropanol	11.1		"	10.0		111	70-130				
Methyl Methacrylate	10.8		"	10.0		108	70-130				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	70-130				
Methylene chloride	9.50		"	10.0		95.0	70-130				
n-Heptane	10.6		"	10.0		106	70-130				

Volatile Organic Compounds in Air 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 BD21423 - EPA TO15 PREP											
LCS (BD21423-BS1)									Prepared: 04/23/2022 Analyzed: 04/24/2022		
n-Hexane	10.8		ppbv	10.0		108	70-130				
o-Xylene	10.3		"	10.0		103	70-130				
p- & m- Xylenes	21.0		"	20.0		105	70-130				
p-Ethyltoluene	10.2		"	10.0		102	70-130				
Propylene	9.68		"	10.0		96.8	70-130				
Styrene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	9.96		"	10.0		99.6	70-130				
Tetrahydrofuran	10.7		"	10.0		107	70-130				
Toluene	10.1		"	10.0		101	70-130				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Trichloroethylene	9.78		"	10.0		97.8	70-130				
Trichlorofluoromethane (Freon 11)	9.60		"	10.0		96.0	70-130				
Vinyl acetate	11.1		"	10.0		111	70-130				
Vinyl bromide	10.8		"	10.0		108	70-130				
Vinyl Chloride	10.5		"	10.0		105	70-130				
Duplicate (BD21423-DUP1)	*Source sample: 22D0384-16 (VP-8 IA)								Prepared: 04/23/2022 Analyzed: 04/24/2022		
1,1,1,2-Tetrachloroethane	ND	0.80	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.64	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.80	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.89	"		ND					25	
1,1,2-Trichloroethane	ND	0.64	"		ND					25	
1,1-Dichloroethane	ND	0.47	"		ND					25	
1,1-Dichloroethylene	ND	0.12	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.86	"		ND					25	
1,2,4-Trimethylbenzene	0.52	0.57	"		0.40				25.0	25	
1,2-Dibromoethane	ND	0.90	"		ND					25	
1,2-Dichlorobenzene	ND	0.70	"		ND					25	
1,2-Dichloroethane	ND	0.47	"		ND					25	
1,2-Dichloropropane	ND	0.54	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.81	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.57	"		ND					25	
1,3-Butadiene	ND	0.77	"		ND					25	
1,3-Dichlorobenzene	ND	0.70	"		ND					25	
1,3-Dichloropropane	ND	0.54	"		ND					25	
1,4-Dichlorobenzene	ND	0.70	"		ND					25	
1,4-Dioxane	ND	0.84	"		ND					25	
2-Butanone	2.2	0.34	"		2.2				1.55	25	
2-Hexanone	ND	0.95	"		ND					25	
3-Chloropropene	ND	1.8	"		ND					25	
4-Methyl-2-pentanone	ND	0.48	"		ND					25	
Acetone	18	0.55	"		17				3.12	25	
Acrylonitrile	ND	0.25	"		ND					25	
Benzene	0.67	0.37	"		0.63				5.71	25	
Benzyl chloride	ND	0.60	"		ND					25	
Bromodichloromethane	ND	0.78	"		ND					25	
Bromoform	ND	1.2	"		ND					25	
Bromomethane	ND	0.45	"		ND					25	
Carbon disulfide	ND	0.36	"		ND					25	
Carbon tetrachloride	0.44	0.18	"		0.44				0.00	25	

Volatile Organic Compounds in Air 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 BD21423 - EPA TO15 PREP											
Duplicate (BD21423-DUP1)	*Source sample: 22D0384-16 (VP-8 IA)								Prepared: 04/23/2022 Analyzed: 04/24/2022		
Chlorobenzene	ND	0.54	ug/m³		ND					25	
Chloroethane	ND	0.31	"		ND					25	
Chloroform	ND	0.57	"		ND					25	
Chloromethane	1.8	0.24	"		1.7				5.48	25	
cis-1,2-Dichloroethylene	ND	0.12	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.53	"		ND					25	
Cyclohexane	0.44	0.40	"		0.40				9.52	25	
Dibromochloromethane	ND	0.99	"		ND					25	
Dichlorodifluoromethane	2.3	0.58	"		2.2				5.13	25	
Ethyl acetate	1.4	0.84	"		1.4				2.99	25	
Ethyl Benzene	0.56	0.51	"		0.56				0.00	25	
Hexachlorobutadiene	ND	1.2	"		ND					25	
Isopropanol	64	0.57	"		64				0.180	25	
Methyl Methacrylate	ND	0.48	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.42	"		ND					25	
Methylene chloride	0.85	0.81	"		0.85				0.00	25	
n-Heptane	0.76	0.48	"		0.76				0.00	25	
n-Hexane	0.57	0.41	"		0.62				6.90	25	
o-Xylene	0.66	0.51	"		0.66				0.00	25	
p- & m- Xylenes	1.9	1.0	"		1.9				0.00	25	
p-Ethyltoluene	0.46	0.57	"		0.46				0.00	25	
Propylene	0.68	0.20	"		0.70				2.90	25	
Styrene	ND	0.50	"		ND					25	
Tetrachloroethylene	1.1	0.79	"		1.1				0.00	25	
Tetrahydrofuran	1.4	0.69	"		1.3				5.13	25	
Toluene	5.3	0.44	"		5.4				1.64	25	
trans-1,2-Dichloroethylene	ND	0.46	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.53	"		ND					25	
Trichloroethylene	0.31	0.16	"		0.31				0.00	25	
Trichlorofluoromethane (Freon 11)	1.4	0.65	"		1.4				0.00	25	
Vinyl acetate	ND	0.41	"		ND					25	
Vinyl bromide	ND	0.51	"		ND					25	
Vinyl Chloride	ND	0.15	"		ND					25	

Volatile Organic Compounds in Air 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 BD21424 - EPA TO15 PREP											
Blank (BD21424-BLK1)											
Prepared: 04/24/2022 Analyzed: 04/25/2022											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	1.6	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

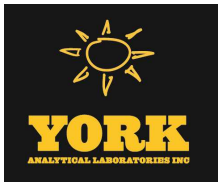
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD21424 - EPA TO15 PREP											
Blank (BD21424-BLK1)											Prepared: 04/24/2022 Analyzed: 04/25/2022
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BD21424-BS1)											Prepared: 04/24/2022 Analyzed: 04/25/2022
1,1,1,2-Tetrachloroethane	10.2		ppbv	10.0		102	70-130				
1,1,1-Trichloroethane	9.87		"	10.0		98.7	70-130				
1,1,2,2-Tetrachloroethane	9.87		"	10.0		98.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	70-130				
1,1,2-Trichloroethane	10.3		"	10.0		103	70-130				
1,1-Dichloroethane	9.99		"	10.0		99.9	70-130				
1,1-Dichloroethylene	9.15		"	10.0		91.5	70-130				
1,2,4-Trichlorobenzene	9.98		"	10.0		99.8	70-130				
1,2,4-Trimethylbenzene	9.60		"	10.0		96.0	70-130				
1,2-Dibromoethane	10.6		"	10.0		106	70-130				
1,2-Dichlorobenzene	9.75		"	10.0		97.5	70-130				
1,2-Dichloroethane	9.58		"	10.0		95.8	70-130				
1,2-Dichloropropane	10.0		"	10.0		100	70-130				
1,2-Dichlorotetrafluoroethane	10.5		"	10.0		105	70-130				
1,3,5-Trimethylbenzene	9.64		"	10.0		96.4	70-130				
1,3-Butadiene	9.05		"	10.0		90.5	70-130				
1,3-Dichlorobenzene	9.98		"	10.0		99.8	70-130				
1,3-Dichloropropane	10.3		"	10.0		103	70-130				
1,4-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,4-Dioxane	8.91		"	10.0		89.1	70-130				
2-Butanone	9.51		"	10.0		95.1	70-130				
2-Hexanone	7.85		"	10.0		78.5	70-130				
3-Chloropropene	9.59		"	10.0		95.9	70-130				
4-Methyl-2-pentanone	8.12		"	10.0		81.2	70-130				
Acetone	8.13		"	10.0		81.3	70-130				
Acrylonitrile	10.1		"	10.0		101	70-130				
Benzene	9.73		"	10.0		97.3	70-130				
Benzyl chloride	10.7		"	10.0		107	70-130				
Bromodichloromethane	9.64		"	10.0		96.4	70-130				
Bromoform	11.8		"	10.0		118	70-130				
Bromomethane	10.0		"	10.0		100	70-130				
Carbon disulfide	10.5		"	10.0		105	70-130				
Carbon tetrachloride	9.57		"	10.0		95.7	70-130				

Volatile Organic Compounds in Air 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 BD21424 - EPA TO15 PREP											
LCS (BD21424-BS1)									Prepared: 04/24/2022 Analyzed: 04/25/2022		
Chlorobenzene	9.90		ppbv	10.0		99.0	70-130				
Chloroethane	10.0		"	10.0		100	70-130				
Chloroform	9.95		"	10.0		99.5	70-130				
Chloromethane	8.80		"	10.0		88.0	70-130				
cis-1,2-Dichloroethylene	9.33		"	10.0		93.3	70-130				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	70-130				
Cyclohexane	10.0		"	10.0		100	70-130				
Dibromochloromethane	11.3		"	10.0		113	70-130				
Dichlorodifluoromethane	9.87		"	10.0		98.7	70-130				
Ethyl acetate	9.99		"	10.0		99.9	70-130				
Ethyl Benzene	9.90		"	10.0		99.0	70-130				
Hexachlorobutadiene	8.48		"	10.0		84.8	70-130				
Isopropanol	10.8		"	10.0		108	70-130				
Methyl Methacrylate	10.3		"	10.0		103	70-130				
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	70-130				
Methylene chloride	8.85		"	10.0		88.5	70-130				
n-Heptane	9.95		"	10.0		99.5	70-130				
n-Hexane	9.94		"	10.0		99.4	70-130				
o-Xylene	10.0		"	10.0		100	70-130				
p- & m- Xylenes	20.0		"	20.0		100	70-130				
p-Ethyltoluene	10.0		"	10.0		100	70-130				
Propylene	9.35		"	10.0		93.5	70-130				
Styrene	10.2		"	10.0		102	70-130				
Tetrachloroethylene	9.79		"	10.0		97.9	70-130				
Tetrahydrofuran	9.69		"	10.0		96.9	70-130				
Toluene	9.92		"	10.0		99.2	70-130				
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	70-130				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Trichloroethylene	9.41		"	10.0		94.1	70-130				
Trichlorofluoromethane (Freon 11)	9.62		"	10.0		96.2	70-130				
Vinyl acetate	10.4		"	10.0		104	70-130				
Vinyl bromide	10.3		"	10.0		103	70-130				
Vinyl Chloride	8.93		"	10.0		89.3	70-130				



Volatile Organic Compounds in Air 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 BD21424 - EPA TO15 PREP											
Duplicate (BD21424-DUP1)	*Source sample: 22D0750-03 (Duplicate)								Prepared: 04/24/2022 Analyzed: 04/26/2022		
1,1,1,2-Tetrachloroethane	ND	0.57	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.45	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.57	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.70	0.63	"		0.63				9.52	25	
1,1,2-Trichloroethane	ND	0.45	"		ND					25	
1,1-Dichloroethane	ND	0.33	"		ND					25	
1,1-Dichloroethylene	ND	0.082	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.61	"		ND					25	
1,2,4-Trimethylbenzene	0.69	0.41	"		0.69				0.00	25	
1,2-Dibromoethane	ND	0.63	"		ND					25	
1,2-Dichlorobenzene	ND	0.50	"		ND					25	
1,2-Dichloroethane	ND	0.33	"		ND					25	
1,2-Dichloropropane	ND	0.38	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.58	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.41	"		ND					25	
1,3-Butadiene	ND	0.55	"		ND					25	
1,3-Dichlorobenzene	ND	0.50	"		ND					25	
1,3-Dichloropropane	ND	0.38	"		ND					25	
1,4-Dichlorobenzene	ND	0.50	"		ND					25	
1,4-Dioxane	ND	0.59	"		ND					25	
2-Butanone	1.6	0.24	"		1.6				1.55	25	
2-Hexanone	0.17	0.68	"		ND					25	
3-Chloropropene	ND	1.3	"		ND					25	
4-Methyl-2-pentanone	ND	0.34	"		ND					25	
Acetone	8.7	0.39	"		8.6				1.35	25	
Acrylonitrile	ND	0.18	"		ND					25	
Benzene	1.3	0.26	"		1.2				8.51	25	
Benzyl chloride	ND	0.43	"		ND					25	
Bromodichloromethane	ND	0.55	"		ND					25	
Bromoform	ND	0.85	"		ND					25	
Bromomethane	ND	0.32	"		ND					25	
Carbon disulfide	ND	0.26	"		ND					25	
Carbon tetrachloride	0.42	0.13	"		0.36				13.3	25	
Chlorobenzene	ND	0.38	"		ND					25	
Chloroethane	ND	0.22	"		ND					25	
Chloroform	0.48	0.40	"		0.48				0.00	25	
Chloromethane	1.2	0.17	"		1.1				7.30	25	
cis-1,2-Dichloroethylene	0.13	0.082	"		0.13				0.00	25	
cis-1,3-Dichloropropylene	ND	0.37	"		ND					25	
Cyclohexane	1.1	0.28	"		1.1				0.00	25	
Dibromochloromethane	ND	0.70	"		ND					25	
Dichlorodifluoromethane	2.3	0.41	"		2.4				3.51	25	
Ethyl acetate	0.51	0.59	"		0.48				6.06	25	
Ethyl Benzene	0.68	0.36	"		0.68				0.00	25	
Hexachlorobutadiene	ND	0.88	"		ND					25	
Isopropanol	6.8	0.41	"		6.8				0.897	25	
Methyl Methacrylate	1.7	0.34	"		1.8				3.92	25	
Methyl tert-butyl ether (MTBE)	ND	0.30	"		ND					25	
Methylene chloride	19	0.57	"		19				1.65	25	
n-Heptane	1.8	0.34	"		1.5				20.4	25	

Volatile Organic Compounds in Air 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 BD21424 - EPA TO15 PREP											
Duplicate (BD21424-DUP1)	*Source sample: 22D0750-03 (Duplicate)								Prepared: 04/24/2022 Analyzed: 04/26/2022		
n-Hexane	4.0	0.29	ug/m³		3.4				14.2	25	
o-Xylene	0.86	0.36	"		0.82				4.26	25	
p- & m- Xylenes	2.3	0.72	"		2.3				1.57	25	
p-Ethyltoluene	0.69	0.41	"		0.65				6.06	25	
Propylene	0.89	0.14	"		ND					25	
Styrene	0.21	0.35	"		ND					25	
Tetrachloroethylene	1.3	0.56	"		1.2				8.70	25	
Tetrahydrofuran	ND	0.49	"		0.15					25	
Toluene	4.0	0.31	"		3.9				3.15	25	
trans-1,2-Dichloroethylene	ND	0.33	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.37	"		ND					25	
Trichloroethylene	0.58	0.11	"		0.58				0.00	25	
Trichlorofluoromethane (Freon 11)	1.3	0.46	"		1.3				7.14	25	
Vinyl acetate	ND	0.29	"		ND					25	
Vinyl bromide	ND	0.36	"		ND					25	
Vinyl Chloride	ND	0.11	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

Corrective Action: Sample 22D0384-05 was recieved with valve open. Client indicated sample should be analyzed regardless. Due to laboratory miscommunication, the canister was cleaned and not analyzed.

York Analytical Laboratories, Inc.
120 Research Drive Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: 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. 2210384

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: CT Consulting Services	Company:	Company:		RUSH - Next Day
Address:	Address: SAME	Address: SAME		RUSH - Two Day
Phone:	Phone:	Phone:	YOUR Project Name: 77 Cornell Street Kingston, NY	RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	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.

Samples Collected by: (print your name above and sign below) Daniel Bellucci

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS	
	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
AS - Soil Vapor/Sub-Slab	Other	Other:			

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv X

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
VP-1	4/5/22 13:20	AS	30	-5	28848	1567	TO-15
VP-1 IA	4/5/22 13:20	AI	30	-10	18306	6870	
VP-2	4/5/22 13:50	AS	30	-9	15612	5613	
VP-2 IA	4/5/22 13:50	AI	30	-7	16956	7083	
VP-3	4/5/22 14:50	AS	30	-8	41936	7363	
VP-3 IA	4/5/22 14:50	AI	30	-6	36809	4446	
VP-4	4/5/22 1500	AS	29	-5	20303	4434	
VP-4 IA	4/5/22 1515	AI	30	-10	37319	6867	
VP-5	4/5/22 1600	AS	30	-8	36459	7416	
VP-5 IA	4/5/22 1615	AI	30	-6	17349	12183	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits X

Routine Survey ___ Other ___

Sampling Media

6 Liter Canister X

Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	4/7/22		4/7/22 1130		
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
					04/07/22 17:31

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 22D0384

NOTE: 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.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: DT Consulting Services	Company:	Company:		RUSH - Next Day
Address:	Address: SAME	Address: SAME		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: 77 Cornell Street Kingston, NY	RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:	YOUR PO#:	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.

Samples Collected by: (print your name above and sign below)
Daniel Bellucci

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS	
AS - Soil Vapor/Sub-Slab	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
	Other	Other:			

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv X

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
UP-6	4/5/22 13:30	AS	30	-10	42998	6879	TO-15
UP-6 IA	4/5/22 13:30	AI	30	-10	28300	7607	
UP-7	4/5/22 14:00	AS	~~28~~ 28.5	-2	42996	6868	
UP-7 IA	4/5/22 14:00	AI	28	-4	43007	5627	
UP-8	4/5/22 14:35	AS	30	-7	~~23~~ 18309	5700	
UP-8 IA	4/5/22 14:35	AI	30	-10	23994	7090	
UP-9	4/5/22 15~~3~~0	AS	30	-10	17346	5605	
102 IA	4/5/22 14:55	AI	30	-8	42993	4-44	

Comments:

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits X
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Deborah Thompson	4/7/22		4/12/22 11:20		
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
					04/04/22 17:31